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COUNTY COUNCIL OF DUNBARTON.



ANNUAL REPORTS

BY

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)
MEDICAL OFFICER OF HEALTH,

THE COUNTY SANITARY INSPECTORS

AND

THE COUNTY ENGINEER

FOR

THE YEAR 1950

SCHOOL REPORT FOR YEAR 1950-51

GLASGOW:

WILLIAM HODGE & CO., LTD., 31-36 NORTH FREDERICK STREET
1951.

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County of Dunbarton : Public Health Department.

LIST OF STAFF as at 31st DECEMBER, 1950.

County Medical Officer.

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Ed.).

Depute County Medical Officer.

ALAN A. GILMOUR, M.D., D.P.H.

School Medical Officers — Dr. E. CUSH, Dr. I. MACLEOD and Dr. E. SEWELL are designated as Assistant Medical Officers of Health for purposes of administration.

Chief Dental Officer.

F. A. CASSIDY, L.D.S., D.D.S. (McGill).

County Sanitary Inspectors.

(Eastern Area).

(Western Area).

JOHN D. M'KENDRICK.

THOMAS ALLAN (resigned 13/12/50).

Depute County Sanitary Inspectors.

WILLIAM ARTHUR.

WILLIAM T. SAMSON.

Assistant Sanitary Inspectors.

JOHN DUNN

JOSEPH C. MORTON.

JAMES G. WATSON.

WILLIAM D. SCOTT.

NEIL MACDONALD.

THOMAS MUNN.

ROBERT FORRESTER.

ROBERT MATHIE.

THOMAS MACDONALD.

Milk Officers.

FLORA D. CALDER.

AILSA PATERSON.

Housing Supervisors.

MARGARET BLACK.

Mrs. A. STUART

County Engineer and Planning Officer.

MALCOLM ROSS

Depute County Engineers.

J. C. RAMSAY (resigned 4/4/50).

ALEX. DUFF (com. 13/11/50).

Depute Planning Officer.

J. NICOLSON.

Assistant Civil Engineers.

JAMES MACKENZIE.

WM L. MERRILEES.

HUGH S. MACDONALD.

WM. B. MACPHEDRAN.

J. C. M'INTOSH (resigned 11/2/50).

PETER M'FARLANE (resigned 30/9/50).

ROBERT G. M'WILLIAM.

ALBERT M'ADAM.

J. WARWICK.

WM. TAYLOR.

WM. C. BELL.

GORDON MACFARLANE.

IAN ROBERTSON (transferred to

County Surveyor 16/6/50).

WM. FULTON.

Planning Assistants.

W. A. STORRIE.

DOUGLAS M'KECHNIE.

PAUL H. STEVENS.

EDWARD HADLEY.

THOMAS GLEN.

D. SMITH.

R. SHIELDS (resigned 23/12/50).

W. L. FLOCKHART (com. 30/1/50).

WM. MITCHELL (com. 30/1/50).

GORDON R. SCOTT (com. 18/12/50).

Inspectors of Works.

C. FRIZE.

J. GRAHAM.

A. SCOTT.

T. M'D. JARDINE

Clerical Staff.

ELIZABETH F. M'KECHNIE.

ELIZABETH W. JENKINS.

JOSEPH HARG.

BEATRICE M. GIBSON (recd. 2/12/50)

MAY F. HENDERSON (com. 14/8/50).

Chief Clerk.

JOSEPH BAIRD

LIST OF STAFF—Continued.

*Health Visitors.**(Eastern Area.)*

C. S. L. KING.
 CATHERINE T. GAVIN.
 KATHERINE S. STEVENSON.
 M. MACDONALD.*
 C. M. JEFFREY.
 C. DEMPSEY.
 A. GEE.
 M. MILLER.
 M. L. CALLAGHAN (trd. to schools
 15/4 50).
 A. LEITCH (com. 1/5/50).
 M. THOMPSON (com. 16/1/50).

(Western Area.)

E. M. RANKIN.
 M. CALLANDER.
 E. A. SANDILANDS.
 J. P. McHAFFIE.
 H. STIRLING.
 J. CAMERON (com. 16/5 50).
 A. TAYLOR (trd. to schools 16/2 50).
 M. McCRACKEN.*
 M. G. MACDONALD.*
 JANET M. SIMPSON.*
 A. M. LEITCH.*
 MARY M'D. GRAY.*
 JANET S. CLARK.*
 MARY M. MARTIN.*

* Home Nurses:—Part-time Health Visiting only.

Home Nursing and Midwifery Staff Supervisor.

CHRISTINA J. MAITLAND.

Midwives.

JANE R. RITCHIE.
 MARGARET MACDONALD.
 ELIZABETH A. SMITH.
 MARY SMITH.

JOAN WATERHOUSE.
 AGATHA BROWN.
 Mrs. M. HAY.

*Home Nurses.**(Eastern Area.)*

Milngavie—MARION MACDONALD.
 do. —MARY DAVIDSON.
 Cumbernauld—MARY PEATTIE.
 Kirkintilloch—JESSIE MACRAE.
 Bearsden—DONALDINA STENHOUSE.
 do. —MARIA MORRISON.
 Bowling & Old Kilpatrick—JESSIE
 MACRAE.
 Twechar—JANE LIVINGSTONE (resgd.
 15/10/50).
 do. —MARGARET BARROWMAN
 (com. 16/10/50).
 Duntocher—JEAN J. CRAWFORD.

(Western Area.)

Arrochar & Tarbet—JANET S. CLARK.
 Alexandria—MARY G. McBEATH.
 do. —MARION McCUTCHEON.
 Renton—AGNES G. KEAN.
 Garelughhead—MARY M'D. GRAY.
 Rosneath—MARTHA McCracken.
 Cove & Kilcreggan—MARGARET G.
 MACDONALD.
 Rhu—MARY M. MARTIN.
 Luss—JANET D. SIMPSON.
 Helensburgh—ANNIE M. MACDONALD.
 Cardross—FLORA MACNICOL.
 Gartocharn—ANNIE M. LEITCH.

Clerical Staff.

LOUIS M'GOUGAN, D.P.A. (Chief Clerk in Central Office.)

JOSEPH BAIRD (Chief Clerk in Glasgow Office.)

CHRISTINA M'GREGOR (Chief Clerk in Alexandria Office.)

Staff in Central Office.

ELIZABETH C. LANG.
 MARY M. BUCHANAN.
 JANET McMANUS.
 AGNES KINLOCH.
 ELIZ. A. McLEAN.
 JAMES GALLACHER.
 ELIZ. PATERSON.
 ELIZ. McFARLANE.
 PATRICIA GRUMLEY.
 ROBT. F. LIVINGSTON.
 MARGT. MELDRUM.
 MARGOT McKEAN. —
 Supervisor of Home
 Helps.

Staff in Alexandria Office.

EUNICE C. GORDON.
 LILY ANN SMITH.

Staff in Glasgow Office.

SARA A. F. CORNOCK
 (resigned 15/12 50).
 ELIZ. A. COCHRAN
 (resigned 29/5 51).
 HAZEL E. GILCHRIST
 (com. 23/10 51).
 ELLEN F. P. WILSON
 (com. 4/12 51).
 JOSEPH P. DAVIS
 (Telephone Operator).

County Analysts.

Messrs. TATLOCK & THOMSON 156 Bath Street, Glasgow.

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*To the Department of Health for Scotland and the County
Council of the County of Dunbarton.*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Health
and Sanitary Conditions of the County for the year 1950,
together with the Report on the Medical Inspection and
Treatment of School Children for the year 1950/51.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,

Medical Officer of Health.

COUNTY HEALTH DEPARTMENT,
88 COLLEGE STREET,
DUMBARTON.

MEDICAL OFFICER'S REPORT

FOR YEAR 1950.

VITAL STATISTICS.

Population.—The Registrar-General estimated that the population at the middle of 1950 was 95,358, an increase of 47 over the previous year. For comparison the figures for the previous five years are also shown:—

<i>Year.</i>	<i>Estimated. Population.</i>	<i>Year.</i>	<i>Estimated. Population.</i>
1944 - - -	86,795	1947 - - -	93,840
1945 - - -	86,652	1948 - - -	94,918
1946 - - -	89,941	1949 - - -	95,311

Births and Birth Rates.—The total number of live births registered during 1950 was 1083; 82 more than last year. 229 were transferred out but on the other hand 821 were transferred in, giving a total of 1675 as against 1775 in 1949. The total number of still-births registered during the year was 34, but 36 were transferred in and 13 transferred out, making a County total of 57. 65 of the live births were illegitimate. The corrected birth-rate (live births) was 17.6 per 1000 of the population, as against 18.6 in 1949. The still-birth rate was 33 per 1000 births (including still-births) against 21 per 1000 in 1949.

Deaths and Death Rates.—The number of deaths registered in the County was 1045, as against 1050 in 1949. 235 deaths were transferred out, but 354 were transferred in. The corrected figure was therefore 1164, as against 1194 in the previous year. The death-rate was 12.2 per 1000 of the popu-

lation, against 12.5 in 1949. Of the 1164 deaths recorded, 588 were males and 576 females. 92 persons—i.e., 31 males and 61 females—had attained the age of 85 or over at the time of death.

Infantile Mortality.—The total number of deaths of children under one year was 68, 13 less than last year, which gives an Infantile Mortality rate of 41 per 1000 live births. The causes of death are shown in Table II.

Deaths from Infectious Diseases.—The following deaths from infectious diseases were recorded during the year: Whooping cough, 1; cerebro-spinal fever, 2; other infectious diseases, 4; measles, 4.

Deaths from Tuberculosis.—During 1950, 37 deaths were due to one or other form of tuberculosis. Of these, 35 were due to pulmonary tuberculosis, giving a death-rate for this type of 0.37 per 1000, as against 0.55 in 1949. Deaths from other forms of tuberculosis numbered 2, giving a death-rate of 0.02 per 1000, as against 0.10 in the previous year. The death-rate for all forms of tuberculosis was 0.39 per 1000, as against 0.65 in the previous year.

Deaths from Influenza.—9 deaths were registered from this cause, as against 6 in 1949.

Deaths from Pneumonia.—31 deaths were registered from this cause (including 4 of the new-born) as against 49 in the previous year.

Deaths from Cancer.—Cancer of one sort or another caused 181 deaths (95 males and 86 females), 13 more than in 1949.

TABLE I.—VITAL STATISTICS COMPILED FROM INFORMATION SUPPLIED BY THE REGISTRAR GENERAL.

	Number Registered in District.	Transfers.		Corrected Number.			Rate per 1000 of Estimated Population (Both Sexes).
		Out.	In.	Both Sexes.	Males.	Females.	
Births (including Illegitimate), ...	1083	229	821	1675	863	812	17·6
Births (Illegitimate), ...	42	13	36	65	37	28	23·9
Births (still births), ...	34	13	36	57	31	26	333
Marriages, ...	585	—	—	—	—	—	6·1
Deaths—							
All Causes, ...	1045	235	354	1164	588	576	* 12·2
Tuberculosis, ...	—	—	—	37	20	17	0·39
Tuberculosis (Respiratory System), ...	—	—	—	35	20	15	0·37
Principal Epidemic Diseases, ¹ ...	—	—	—	16	9	7	0·17
Children aged under One Year, ...	—	—	—	68	40	28	41

¹ Typhoid Fever, Paratyphoid Fevers, Cerebro-Spinal Fever, Scarlet Fever, Whooping Cough, Diphtheria, Influenza and Measles.

² Rate per 100 Live Births.

³ Rate per 1000 Total Births (including Still-Births).

⁴ Rate per 1000 Live Births.

* Rate adjusted for Age and Sex distribution = 12·1.

NATIONAL HEALTH SERVICE (SCOTLAND) ACT, 1947.

SECTION 22.

CARE OF MOTHERS AND YOUNG CHILDREN.

Births Notified.—A total figure of 1675 births occurred in the County Area during 1950, of which 821 took place at home. The births occurring in 1948 and 1949 were 1823 and 1775 respectively, which shows a steady decrease in the birth rate over this period.

COUNTY OF DUNBARTON.

TABLE II.—MATERNITY SERVICE AND CHILD WELFARE, 1950.
CAUSES OF DEATH—CHILDREN UNDER ONE YEAR.

CAUSE OF DEATH.	Under 1 Week.	1 Week, and under 4 Weeks.	Total under 4 Weeks.	4 Weeks, and under 3 Months.	3 Months, and under 6 Months.	6 Months, and under 12 Months.	Total Deaths under 1 Year.	Rate per 1000 Births.
Premature Birth, -	25	2	27	...	...	...	27	16.2
Pneumonia (all forms), -	2	1	3	4	1	2	10	6.0
Diarrhoea and Enteritis, -	...	...	...	2	1	...	3	1.9
Atelectasis, -	3	...	3	...	...	...	3	1.9
Spina Bifida, -	1	1	2	...	...	...	2	1.2
Asphyxia, -	...	2	2	...	...	...	2	1.2
Haemorrhagic Disease of New Born, -	...	...	...	...	...	...	...	...
Natural Causes, -	...	1	1	...	...	1	2	1.2
Congenital Heart, -	3	...	3	1	...	...	4	2.4
Whooping-cough, -	...	...	...	1	...	...	1	.6
Convulsions, -	...	...	...	1	...	...	1	.6
Cerebral Abscess -	...	...	...	...	...	1	1	.6
Injury at Birth, -	...	1	1	...	...	...	1	.6
Acute Bronchitis, -	...	...	...	...	...	1	1	.6
Congenital Debility, -	...	2	2	...	...	...	2	1.2
All other causes, -	2	2	4	1	...	3	8	4.8
Total, -	36	12	48	10	2	8	68	41

NOTE.—Although the total number of infant deaths agrees with that of the Registrar-General, the actual totals are not quite the same. This is due solely to the fact that practitioners in signing death certificates are apt to put two or more causes of death, of which might be fatal. In selecting the most likely cause of death for statistical purposes the Registrar-General has probably selected one cause and I have selected

Child Welfare Clinics.—11 weekly clinic sessions were held with Doctors in attendance and an additional 6 Nurses' advisory sessions were held with Health Visitors only attending, particulars of which can be found in the statistical form on page 26. Details of work carried out at these Clinics are to be found in Tables V and VI on pages 25 and 26. Figures of children's attendances at Clinics in 1950 show little variation from the previous year's figures.

Ante-Natal and Post-Natal Facilities.—The Health Authority did not themselves conduct any Ante-Natal or Post-Natal Clinics, but during 1950 afforded Clinic facilities to Dr. J. P. O. Erskine, Area Obstetrician and Gynæcologist, for the out-patient work of Braeholm and Overtoun Maternity Hospitals. At the end of 1950, weekly Clinics of this nature were being held as follows:—

<i>Place.</i>	<i>Day.</i>	<i>Time.</i>
Hartfield Clinic, Dumbarton -	Tuesday -	1.30 p.m.- 4.0 p.m.
The Clinic, Bank Street, Alexandria - - -	Thursday -	9.30 a.m.-12.30 p.m.
Whitecrook Clinic, Dean Street, Clydebank - -	Wednesday- Friday -	1.30 p.m.- 4.0 p.m. 9.30 a.m.-12.30 p.m.
The Clinic, East King Street, Helensburgh - - -	Monday -	9.30 a.m.-12.30 p.m.

Dental Services—Expectant and Nursing Mothers—Pre-School Children—Annual Report by F. A. Cassidy, Chief Dental Officer.—A redistribution of the Dental Staff became essential in the later half of the year due to the resignation of another dental officer, and in order to maintain the clinical sessions devoted to maternity and child welfare a further inroad had to be made into the time allotted to the dental care of the school children.

It is still the exception rather than the rule to find the pre-school child brought to the clinic with teeth in the early stages of decay. Too frequently the first contact of the dental

officer with the child is when relief is sought from toothache and it is by no means uncommon to find that the dental condition has reached the stage of abscess formation accompanied by the usual "swollen face."

The need for preventative Dental Health Education is becoming more apparent each day, especially in an era when the emphasis is entirely on operative dentistry. No one can deny that this country has not become "tooth conscious" when a quarter of the population has been supplied with artificial dentures since July, 1948, but unfortunately it is a "plastic tooth" consciousness.

A large number of infants of two or three years of age attended the clinics with the four upper front teeth septic and frequently broken down. In many cases enquiry from the mother resulted in a history of the use of a "dummy" coated with jam, or honey or some proprietary sticky malt extract. With the co-operation of the nurses, this practice is being discouraged.

When extractions are required for the pre-school child, in most cases a general anæsthetic is indicated. The wisdom of the policy can be seen in the number of school children who yearly seek dental treatment without fuss or fear because they have never had an unpleasant past dental experience.

With only one general anæsthetic session per week at each of the main clinics to cope with the demand of the pre-school and school children, a problem and a waiting list has been created. This problem is not universal throughout the County but is limited to certain areas and will increase in magnitude until such time as there is a check on the progress of dental decay either by the conservation of the teeth by means of fillings or some preventative measures.

In the field of preventative dentistry the fluorination of the community water supplies as has been carried out in several Canadian towns is worthy of at least our attention and investigation.

U.V.L. Treatment.—Particulars of Child Welfare Cases given U.V.L. Treatment during 1950 are shown as under-noted:—

Number of patients treated	-	-	-	-	-	64
Total number of attendances	-	-	-	-	-	1014
Average number of treatments	-	-	-	-	-	16

					<i>Number of Patients.</i>	<i>Improved.</i>	<i>Condition Unchanged.</i>
Debility	-	-	-	-	48	46	2
Bronchitis, etc.	-	-	-	-	12	9	3
Adenitis	-	-	-	-	—	—	—
Glands	-	-	-	-	—	—	—
Others	-	-	-	-	4	4	—

Provision of Layettes and Accouchement Sets.—104 layettes were provided to applicants during 1950, and a charge was made according to household income. 36 were supplied free of charge, the applicants in such cases coming under one of the following categories: (a) Unmarried Mothers, (b) Husband in receipt of Unemployment or National Assistance Benefit. The remaining 68 recipients of layettes were charged as follows:—

<i>No. Supplied.</i>								<i>Amount Paid.</i>
1	-	-	-	-	-	-	-	£0 6 0
1	-	-	-	-	-	-	-	0 8 0
29	-	-	-	-	-	-	-	0 10 0
10	-	-	-	-	-	-	-	0 12 0
6	-	-	-	-	-	-	-	0 18 0
4	-	-	-	-	-	-	-	1 4 0
6	-	-	-	-	-	-	-	1 10 0
2	-	-	-	-	-	-	-	1 16 0
4	-	-	-	-	-	-	-	2 2 0
1	-	-	-	-	-	-	-	2 8 0
4	-	-	-	-	-	-	-	3 0 0
—								—
68								£66 16 0
—								—

The maximum charge made for a layette was 60s. Equipping sets were provided at a cost of 16s. 6d. each to applicants.

Day Nurseries.—Day Nurseries were available in Alexandria and Helensburgh areas, although in neither area was the accommodation sufficient to meet the demand, as can be judged from the waiting lists. A measure of priority is given to children of unmarried mothers, widows, and estranged parents, but, quite apart from these categories, the number of mothers in employment remains large. An extension of facilities in the Alexandria area has been planned, but negotiations for the purchase of additional land necessary have been protracted and still continued during 1950.

Residential Nurseries.—There are now no Residential Nurseries in the County Area.

Care of Unmarried Mothers.—Arrangements exist with the undermentioned Homes to have unmarried mothers admitted for their confinement:—

AVAILABLE HOMES.

- (1) The Salvation Army Home 1014 Great Western Road,
Glasgow.
- (2) St. Gerard's Home - - 218-220 St. Vincent Street,
Glasgow, C.3.

During the year 1950 only 1 case was admitted to the Salvation Army Home.

Domestic Help.—Domestic Helps assisted at 291 home confinements during the year 1950. Further particulars concerning this scheme can be found in pages and .

Welfare Foods.—Under this section of the Act, Welfare Foods continued to be prescribed by the doctors at the various Child Welfare Clinics. In addition, arrangements were made

with various suppliers of such foods—*e.g.*, Cow and Gate and Glaxo Laboratories—to have bulk supplies sent to the various clinics, thus cutting down considerably the need for prescribing such items. These foods were issued only on the doctor's recommendation, and from December, 1950, a charge of 2s. per packet was made, though the Medical Officer in the area could issue such foods free of charge where the circumstances were, in his opinion, justifiable. The amount of Food issued free was small. During the period from February to the end of the year the undernoted quantities of various welfare foods were provided:—

Cow and Gate Full Cream	)	-	-	-	-	1968 packets
Cow and Gate Half Cream)	-	-	-	-	
Ostermilk No. 1	)	-	-	-	-	1164 packets
Ostermilk No. 2)	-	-	-	-	

Provision of New Clinics.—Some progress was made during the year on provision of Clinics in Croy and Old Kilpatrick. Site plans were approved, while constructional plans were drawn up and were still being considered at the end of the year. It is hoped to have a start made in building these two clinics in 1951.

Premature Infants—Oxygenaire Service.—As foreshadowed in my 1949 report, this service was begun during 1950, and in the course of the year was made available in two cases. Both cases survived. The cost to the Local Authority in 1950 was £13 10s. 6d., an inconsiderable sum when balanced against the good of the service.

Maternity Hospitals.—The number of hospital confinements in the Area again showed an increase, and patients were admitted to the following hospitals:—

- Royal Maternity Hospital, Glasgow.
- Redlands Maternity Hospital, Glasgow.
- Lennox Castle Hospital, Lennoxtown.
- Overtoun Maternity Hospital, Dumbarton.
- Bracholm Maternity Hospital, Helensburgh.

Apart from the hospitals mentioned, there were of course private nursing homes in the Glasgow area in which County patients were confined, though in common with the number of home confinements this figure is gradually decreasing.

REPORT ON ROYAL MATERNITY HOSPITAL, GLASGOW— ADMISSIONS.

REASONS FOR ADMISSION.

Chest Investigation - - -	2	Albuminuria - - -	2
Threatened Miscarriage -	3	Threatened Abortion -	23
Pre-eclampsia - - -	2	Rhesus Negative - - -	2
A.P. Hæmorrhage - - -	5	Disproportion - - -	1
High Blood Pressure - 21		Bad Obstetric History -	4
Pyelitis - - - - -	1	Hydrocephalic - - -	1
Anæmia - - - - -	1	Previous pre-eclampsia -	1
Cardiac Disease - - -	9	Tachycardiac - - -	1
Hyperemesis - - - -	2	Late Vomiting - - -	1
Previous Cæsarean Section-	1	Vaginal Cyst - - -	1
Previous Still-births - -	3	Anencephalic - - -	1
Contracted Pelvis - - -	4	Glycosuria - - -	1
Œdema - - - - -	3	Post Maturity - - -	1

Braeholm and Overtoun Maternity Hospitals.—I am indebted to Dr. J. P. O. Erskine, Area Obstetrician and Gynæcologist, for the following Reports on cases admitted to Braeholm and Overtoun Maternity Hospitals:—

BRAEHOLM MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1950.

Confinements - - -	189	Babies S.B. - - -	11
Maternal Deaths - -	Nil.	Babies Died in Hospital	6
Babies Alive - - -	178		

ANTE-NATAL ADMISSIONS.

Ante-partum Hæmorrhage -	9	Pyelitis - - - - -	4
Breech and External Version	3	Duodenal Ulcer - - -	1
Anæmia - - - - -	1	Pulmonary T.B. - - -	4
Syphilis - - - - -	3	Ectopic Pregnancy - -	1
Chronic Nephritis - - -	1	Subarachnoid Hæmorrhage	1
Hypertension - - - -	10	Cardiac Disease - - -	1
Hyperemesis - - - - -	3		

OBSTETRIC CONDITIONS.

				MOTHER.		CHILD.		S.B.
				Alive.	Died.	Alive.	Died.	
Breech Deliveries	-	-	8	—	6	—	2	
Twins	-	-	5	—	9	—	1	
Cæsarean Sections	-	-	8	—	8	—	—	
Forceps Deliveries	-	-	19	—	19	—	—	
Abdominal Hysterotomy	-	-	3	—	—	—	—	
Craniotomy	-	-	1	—	—	—	—	

ABORTIONS.

Threatened	-	-	7	Complete	-	-	-	8
Incomplete D. & C.	-	-	10					

OVERTOUN MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1950.

Confinements	-	-	177	Babies S.B.	-	-	-	2
Maternal Deaths	-	-	Nil.	Babies Died in Hospital				1
Babies Alive	-	-	175					

ANTE-NATAL ADMISSIONS.

Hyperemesis Gravidarum	-	1	Threatened Abortion	-	1
Ante-partum Hæmorrhage	-	2	"In Labour"	-	2
Thrombosis L. Temporal Vein	-	1			

MODES OF DELIVERIES.

				MOTHER.		CHILD.		Died.
				Alive.	Died.	Alive.	S.B.	
Spontaneous Vertex delivery	151	—	150	1	—			
Breech Delivery	-	-	2	—	1	—	1	
B.B.A.	-	-	4	—	4	—	—	
Twins	-	-	1	—	2	—	—	
Hydatidiform Mole	-	-	1	-	-	-	-	
Forceps	-	-	18		17	1	—	

TABLE III.

COUNTY OF DUNBARTON (EXCLUDING LARGE BURGH)—STATEMENT OF CAUSES OF DEATH (CORRECTED FOR TRANSFERS) FOR 1950. COMPILED FROM FIGURES SUPPLIED BY THE REGISTRAR-GENERAL.

CAUSES OF DEATH	ALL AGES	—1	1—	5—	10—	15—	25—	35—	45—	55—	65—	75—	85 and over
Infectious and Parasitic Diseases	M. 6	2	1	1	1	—	—	1	1	—	1	—	—
Cancer—Malignant Tumours	F. 6	—	1	—	—	—	—	6	1	16	25	21	5
	M. 94	—	—	—	—	—	—	3	20	10	27	20	1
Tumours, Non-malignant or Not Defined	F. 83	—	—	—	—	—	—	—	6	23	—	1	—
	M. 1	—	—	—	—	—	—	—	—	—	—	—	—
Veneral Diseases	M. 3	—	—	—	—	—	—	—	1	2	—	—	—
	F. 3	—	—	—	—	—	—	—	—	2	—	—	—
Acute Rheumatism	M. 2	—	—	—	—	—	—	—	—	2	2	—	—
	F. 2	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes Mellitus	M. 1	—	—	—	—	—	—	—	—	—	—	—	—
	F. 1	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Respiratory	M. 1	—	—	—	—	—	—	—	—	—	—	—	—
	F. 6	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Non-respiratory	M. 10	—	—	—	—	—	—	—	2	2	—	—	—
	F. 16	—	1	1	—	2	8	2	1	3	3	1	—
Other General Diseases	M. 2	—	1	—	—	—	—	1	—	—	1	—	—
	F. 3	—	—	—	—	—	—	—	1	—	—	—	—
Diseases of Nervous System	M. 4	1	—	—	—	—	—	—	—	1	—	—	—
	F. 90	1	1	—	—	2	1	3	3	13	31	21	4
Diseases of Circulatory System	M. 216	—	—	—	1	—	—	2	7	14	28	37	8
	F. 243	—	—	1	—	1	—	3	12	40	70	64	10
Diseases of Respiratory System	M. 4	4	1	—	—	—	—	4	10	31	63	87	42
	F. 33	4	1	—	—	1	—	2	3	6	13	12	4
Diseases of Digestive System	M. 15	1	—	—	—	—	—	1	3	6	6	8	—
	F. 18	1	2	—	—	1	—	1	4	6	3	1	—
Diseases of Genito-urinary System	M. 17	—	—	—	—	—	—	2	2	2	7	2	—
	F. 6	—	—	—	—	—	—	2	1	2	6	6	—
Parturient Causes	M. 2	—	—	—	—	—	—	—	—	—	—	—	—
	F. 3	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Skin and Organs of Movement	M. 3	1	—	—	—	—	—	—	—	—	—	—	—
	F. 2	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Debility, Premature Birth, Malformations, etc.	M. 12	10	2	—	—	—	—	—	—	1	—	—	—
	F. 4	1	1	—	—	—	—	—	—	—	—	—	—
Old Age	M. 6	—	—	—	—	—	—	—	—	—	—	—	—
	F. 7	—	—	—	—	—	—	—	—	—	—	—	—
Violent Causes	M. 36	—	—	—	—	2	6	6	4	10	4	4	1
	F. 23	2	2	2	—	—	1	4	2	4	4	3	—
Causes Ill-defined or Unknown	M. 16	4	—	—	—	—	—	—	—	—	—	—	—
	F. 3	—	1	—	—	—	—	—	—	—	—	—	—
Causes, etc.	M. 5	4	—	—	—	—	—	—	—	—	—	—	—
	F. 11	5	—	—	—	—	—	—	—	—	—	—	—
Causes and other Diseases	M. 13	14	—	—	—	—	—	—	—	—	—	—	—
	F. 11	14	—	—	—	—	—	—	—	—	—	—	—

SECTION 23.

MIDWIFERY.

Staff.—Midwives gave notice of intention to practise during 1950, categorised as follows: Domiciliary, 7; Private Practising, 6; District Nurse Midwives, 18; and Midwives in Braeholm Maternity Hospital, Helensburgh, 14.

Home Confinements.—The proportion of confinements taking place at home in relation to the total County Birth Rate again decreased for the fourth year in succession. There is no doubt that Overtoun and Braeholm Maternity Hospitals, opened in the area within the past few years, are having a profound effect, and many cases are finding their way into these hospitals for various reasons—e.g., Bad Obstetric History, Other Medical Reasons, and of course unsuitable home circumstances such as lack of modern conveniences, and Sub-Tenancy. While there is no doubt that these hospitals ease a long-felt need, there also appears to have arisen an “economic” and “social” admission to maternity hospitals. It would appear that there is now a real necessity to define the meaning of the word “hospital” so that cases other than medical may contribute towards their stay in these institutions if admitted. It would further appear that there is a need for cheaply run “maternity homes” where without the hospital atmosphere and its concomitant large staff “social cases” can be admitted if considered advisable either by the mother or her family doctor. The following table indicates the extent of the trend towards hospital confinements in the past four years:—

Year.	Percentage of Births taking place in	
	Home.	Hospital/N. Home.
1947	66%	34%
1948	63%	37%
1949	56%	44%
1950	49%	51%

N.B. These figures are of course approximate, but are sufficient to

Gas and Air Analgesia.—Adequate sets of apparatus were made available in 1950 and there are now no midwives in the County not in possession of the machine. The training of all midwives in the administration of the analgesia was also completed during the year; 366 cases, representing approximately 46 per cent. of home confinements, received gas and air, and, in addition, 328 cases, or approximately 41 per cent. of home confinements had pethidine given.

Report by Supervisor of Midwives—Miss C. J. Maitland.—The Midwives were inspected at regular intervals as in previous years. Work was very satisfactory. Nurse Brown, midwife, Helensburgh, resigned in November. Owing to the decrease in home confinements it was decided to carry on the work with one midwife and the district nurse would relieve for holidays. This arrangement is working very satisfactorily.

Midwives who notified their intention to practise numbered 45. This increase is due to the opening of Braeholm Maternity Hospital, Helensburgh, 14 of the notifications being from midwives who are working in Braeholm.

821 births were delivered at home by midwives, and a total of 21,605 visits were made to these cases.

In cases discharged from hospital before the end of the puerperium, the authority midwives completed the necessary nursing supervision.

SECTION 24.

HEALTH VISITING.

Staff.—By the end of 1950, the staff employed on Health Visiting was as follows: Whole-time, 14; Part-time, 9. The whole-time nurses referred to are also designated as School Nurses, and Medical Treatment of School Children is an integral part of their work. The part time nurses referred to are District Nurses in rural areas. The Burgh of Milngavie is entirely served for Health Visiting by the District Nurses

on a part-time basis, is to have a whole-time Health Visitor, and this appointment will probably be made in 1951.

General Review. (a) Clinics.—Figures of clinic attendances for 1950 showed very little variation from the previous year. The continuing decline in the birth rate accounted for a slight reduction in those figures showing attendances of children under one year. The number of clinic sessions during the year, however, actually increased, and will increase still further in 1951. This is due in the main to the “spreading” in various areas of new housing schemes, and clinics which were erected some years ago at sites which were then fairly central are now in many instances two or more miles distant from large populous housing areas.

(b) Health Visiting.—Approximately 1600 more visits were paid in 1950 than in 1949. The bulk of this increase came under the head of “Other Cases” and were mainly accountable to Home Helps to whom 1368 visits were made. There is no doubt that health visiting will increase still further, as many agencies are as yet unaware of the scope of this service, or for their own reasons prefer to utilise other services.

SECTION 25.

HOME NURSING.

Administration.—As foreshadowed in the 1949 Report, the Local Authority terminated their agreements with the remaining District Nursing Associations, and is now in complete control of this service. It is only right that this statement should not be made without putting on record our acknowledgment of the many valued services carried out by these voluntary associations for so many years, so enabling the Local Health Authority to take over a service which was already well established and appreciated.

The administration and co-ordination of the various areas now carried out from the Central Office and the advantages

of this system are already apparent. The Home Nursing service has been fitted into the pattern of the County Health Services as a whole, and so abolished the invariable overlapping which previously took place in Home Nursing Health Visiting, School Nursing and Midwifery sections.

(b) *Staff*.—During the year under review, some staffing changes occurred. The most important factor was the settlement of the Superannuation question, and all nurses who, at 5/7/48, could complete ten years' contributory service by the time they reached 60 years of age were admitted to the Local Government Scheme. Twelve nurses were admitted to the scheme, while six nurses failed to qualify. Back contributions to 5/7/48 were made by the superannuable staff. Three remaining nurses who had been appointed direct by the L.H.A. since 5/7/48 were already superannuated. At 1/1/50 there were 21 nurses who, with two exceptions, were also practising midwives. During the course of the year, the Twechar District Nurse retired and a new appointment was made.

Transport.—At the end of the year there were provided 15 motor cars for Home Nursing Areas. Several cars were purchased from Associations and in one instance the car was gifted to the Local Authority. One new Ford Anglia car was purchased by the Authority to replace an older vehicle and a further four cars were on order at the end of the year for delivery in 1951. In those areas where no car has ever been utilised, the Local Authority review the needs from time to time, and provide a car if the need arises.

Housing.—At December, 1950, the housing circumstances of the nurses were as follows:—

In Houses owned by the Local Authority - - -	8
In Houses rented by the Local Authority - - -	6
In House rented by the Nurse - - - -	2
In Houses owned by the Nurse - - - -	2
Here in the course of building for the Nurses	

TABLE VI.—DISEASES RECORDED ON CHILD WELFARE CLINIC CARDS

DISEASES.	County Totals.	CLINIC DETAILS.									
		Alex- andria.	Ren- ton.	Helen- burgh.	Dun- tocher.	Old Kil- patrick.	Twechar and Croy.	Cumber- nauld.	Kirkin- tilloch.	Milngavie.	Bearsden.
GENERAL CONDITIONS:											
General Debility - - - -	87	24	4	2	1	1	3	6	31	1	14
Malnutrition - - - - -	4	1	3	..	..	..	..	..	..	..	..
Anæmia - - - - -	21	4	8	2	1	..	2	..	4	..	..
Rickets - - - - -	4	1	2	..	..	..	1	..	..	..	..
Scutiles - - - - -	8	..	..	2	2	..	3	..	..	..	1
Jaundice - - - - -	2	..	1	..	..	1	..	..	..	..	..
THROAT, NOSE, AND EAR CONDITIONS:											
Tonsils and Adenoids - - -	117	34	8	5	..	4	13	7	19	..	27
Tonsillitis - - - - -	5	..	..	..	..	..	2	3	..	..	..
Tongue Tie - - - - -	1	..	..	1	..	..	..	..	..	..	..
Otorrhoea - - - - -	33	9	6	5	2	2	2	1	4	..	2
Other Ear Diseases - - - -	16	4	3	2	1	3	1	2	..	..	..
Other Nasal Conditions - - -	24	12	2	1	..	..	..	1	2	..	6
EYE DISEASES:											
Ophthalmia Neonatorum - - -	..	..	..	..	..	..	..	..	..	..	..
Conjunctivitis - - - - -	24	2	4	2	1	1	3	2	3	..	6
Blepharitis - - - - -	8	4	2	..	..	1	..	..	..	..	1
Squint - - - - -	24	3	2	4	1	3	5	2	1	..	3
Sty - - - - -	3	1	1	1	..	..	..	..	..	..	..
Other Eye Conditions - - - -	21	10	8	1	..	1	..	..	..	..	1
RESPIRATORY DISEASES:											
Bronchitis - - - - -	47	17	4	3	2	1	5	..	8	..	7
Other Respiratory Diseases - -	192	91	14	43	2	7	3	..	6	4	22
Asthma - - - - -	3	2	1	..	..	..	..	..	..	..	..
DENTAL CONDITIONS:											
Dental Caries - - - - -	43	16	4	2	1	..	7	3	6	2	2
Other Dental Conditions - - -	21	4	6	1	2	1	3	4	..	..	..
ALIMENTARY DISEASES:											
Conditions relating to Feeding -	241	63	8	14	23	33	36	18	16	14	16
Vomiting - - - - -	8	2	1	4	..	..	..	..	..	..	1
Indigestion - - - - -	26	1	8	2	1	3	5	1	4	..	1
Enteritis - - - - -	8	2	1	..	..	2	..	2	..	..	1
Hernia - - - - -	3	1	1	..	..	..	1	..	..	..	..
Threadworms - - - - -	24	9	2	5	1	2	3	1	..	..	1
Diarrhoea - - - - -	64	23	1	9	3	..	4	5	11	4	4
Constipation - - - - -	32	8	3	4	2	1	3	5	3	1	2
Other Alimentary Conditions - -	70	18	2	15	1	4	5	6	8	3	8
SKIN DISEASES:											
Ring worm - - - - -	5	1	1	1	..	..	..	..	1	..	1
Scabies - - - - -	21	5	..	2	1	8	1	1	3	..	..
Impetigo - - - - -	33	8	2	1	..	3	6	2	7	..	4
Lezema - - - - -	9	2	1	3	..	..	1	..	1	1	..
Alopecia - - - - -	3	1	1	1	..	..	..	..	..	..	..
Seborrhoea - - - - -	21	9	2	1	3	..	..	..	3	..	3
Septic Sores - - - - -	6	3	..	2	..	..	..	..	..	1	..
Septic Vaccination - - - - -	4	1	1	..	1	..	1	..	..	..	..
Nettle-rash - - - - -	34	26	2	..	..	..	..	..	..	..	6
Other Skin Conditions - - - -	106	29	4	37	3	1	5	2	18	..	7
Dermatitis - - - - -	3	1	..	..	..	..	..	..	..	..	2
OTHER CONDITIONS:											
Injuries due to Accidents - - -	18	9	2	..	..	..	..	2	2	..	3
Furges - - - - -	4	..	..	1	2	..	..	..	1	..	..
Eczema - - - - -	39	7	12	3	..	5	2	3	2	..	3
Conditions affecting Umbilicus -	41	14	5	6	..	4	2	4	1	..	5
Teething - - - - -	72	15	4	8	2	20	18	..	3	..	2
Enlarged Glands - - - - -	31	2	4	3	1	4	5	4	2	4	2
.. - - - - -	8	1	..	3	..	..	2	..	1	1	..
.. - - - - -	41	21	3	2	..	3	2	1	5	..	4
.. - - - - -	6	1	..	1	..	1	1	..	1	..	1
.. - - - - -	18	3	2	2	..	1	..	1	3	2	1
.. - - - - -	40	11	..	4	1	2	1	1	4	16	..
.. - - - - -	210	108	14	16	..	14	7	8	13	10	20

TABLE IV.—HOME VISITATION

AREA	Expectant Mothers		Children under 1 Year of Age		Children between Ages 1 and 5		Tuberculosis Cases		Domestic Help		Other Cases		Grand Total of Visits
	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	
Kirkintilloch—Burgh	35	65	404	1,734	24	1,655	52	201	120	173	84	41	3,869
Kirkintilloch—Landward	17	33	170	1,352	28	1,014	9	99	59	393	53	137	3,028
Milngavie—Burgh	—	—	124	560	4	482	—	9	—	—	—	1	1,052
New Kilpatrick	22	31	165	1,161	5	1,142	6	118	131	227	16	163	2,842
Old Kilpatrick	15	53	134	890	4	1,018	2	46	16	108	2	9	2,124
Vale of Leven	4	4	283	2,088	9	2,548	18	182	109	341	49	66	5,229
Renton and Cardross	—	—	123	828	—	815	—	27	24	34	—	2	1,706
Rest of Western Area	4	37	41	428	8	522	1	26	—	2	2	31	1,046
Rhu—Burghal	—	—	129	1,106	1	1,087	1	53	39	70	11	15	2,331
Cove and Kilcreggan—Burgh	8	63	12	104	—	120	4	23	1	6	11	196	512
Grand Totals	105	286	1,585	10,251	83	10,403	93	784	499	1,354	228	661	23,739

TABLE V.—MATERNITY SERVICE AND CHILD WELFARE SCHEME CLINICS.

PARTICULARS.	CLINICS.											
	County Totals.	Alex- andria.	Renton.	Helens- burgh.	Duntocher	Old Kil- patrick.	Twechar.	Cumber- nauld.	Kirkin- tilloch.	Milngavie.	Croy.	Beards- on
Number of Clinics held— Health Visitor only attending, . . . Doctor and Health Visitor attending,	289 531	47 48	49 50	49 49	.. 49	.. 50	.. 47	46 45	48 49	.. 50	.. 45	50 49
Ante-Natal Consultations— Number attending, Total attendances,	10 23	.. ..	.. ..	.. ..	2 16	.. ..	4 4	2 2	.. ..	.. ..	2 2	....
Referred to pre-natal Wards Referred to Family Doctor, Treated at Clinic,	3 4 3	.. .. ..	.. .. ..	.. .. ..	1 1 1	.. .. ..	1 1 ..	1 1 1	.. .. ..	.. .. ..	.. 1 1	......
Post-Natal or other Consultations, .	25	..	..	..	9	..	19	2	..	..	6	..
Child Welfare Consultations— First attendances— Calendar year, Calendar year, Total attendances— Calendar year, Calendar year,	1,172 479 11,198 4,199	145 94 1,215 654	93 0 742 581	87 38 962 315	83 39 613 308	44 .. 385 40	.. .. .. ..	.. .. .. ..	820 79 2,015 827	96 6 1,267 310	73 17 968 386	180 120 1,435 852

The three houses building for nurses are County Council houses in Twechar, Arrochar, and Rosneath Areas.

Report by Supervisor of Midwives and Home Nurses.—Routine inspection was carried out as in previous years. The work done by the nurses was very satisfactory. In many instances the patients have expressed to me their appreciation of the services rendered to them by the district nurses.

During the course of 1950, 55,496 home nursing visits were made by the staff.

With the exception of two nurses out of a total of 21, all Home Nurses are practising midwives.

SECTION 26.

VACCINATION AND IMMUNISATION.

Scale of Fees.—I am glad to report that an agreed rate of notification fees was issued in August, 1950, and the two years' accumulation of Record Cards held in this Department were dealt with. The terms of the agreement were set out as follows:—

FEES FOR RECORDS OF VACCINATION AND IMMUNISATION.

A fee of five shillings (5s.) shall be paid to a medical practitioner by a local health authority on receipt of a record on the standard form of the vaccination or immunisation of a person on the list of those to whom the practitioner is providing general medical services under Part IV of the National Health Service (Scotland) Act, 1947.

(a) As regards *smallpox vaccination*, the fee will be payable when a record is received showing either that the first injection resulted in successful vaccination or that an unsuccessful first injection was followed by a second attempt, whether a second attempt proves successful or not, and provided the record is forwarded to the Medical Officer of Health within two calendar months of the first attempt at vaccination or, in the case of a person primarily vaccinated at an earlier age, within two months of the first attempt at re vaccination.

(b) As regards *diphtheria immunisation*, the fee will be payable on receipt of the record showing the completion of the ordinary process normally involving two injections, and also for the administration of a boosting dose of prophylactic given to a person primarily immunised at an earlier age, provided the record is forwarded to the Medical Officer of Health within four calendar months of the date of the first injection.

APPLICATION.

Subject to the exceptions hereafter prescribed, the foregoing arrangements shall apply with effect from the 5th July, 1948, to records of vaccinations and immunisations on the standard forms submitted by medical practitioners to medical officers of health, provided that:—

(i) Except in the case of children under school age, the arrangements prescribed in 2 (a) above shall not apply to vaccinations or re-vaccinations which were carried out in the City of Glasgow, the Burgh of Hamilton and the County of Lanark or elsewhere in Scotland during and as a result of the recent outbreak of smallpox, *i.e.* between 27th March and 21st April, 1950. A fee of two shillings and six pence (2s. 6d.) shall be paid for records resulting from these vaccinations whether recorded on the standard form or otherwise.

(ii) As regards vaccinations and immunisations which have been performed by practitioners since 5th July, 1948, and for which records have not been submitted and cannot be submitted within the time limits prescribed in paragraph (a) above, a fee of two shillings and six pence (2s. 6d.) shall be paid by the local health authority provided a record in the standard form is submitted to the medical officer of health within one calendar month of the date on which this agreement is promulgated to medical practitioners.

It will be noted that payment for late records under paragraph (ii) of the application clause should be made only if the records are submitted within one month from the date on which the Medical Officer of Health notifies general practitioners of the arrangement.

Vaccination.—1836 vaccinations and 2920 re-vaccinations were carried out during 1950. The reason for such a large increase in the numbers was, of course, the outbreak of

smallpox which took place in the West of Scotland in the period 24th March to 15th April, 1950.

Apart from occasions such as this, the normal rate of vaccinations taking place continues to be very poor, and it would seem that parents generally have little interest in vaccination until there is an outbreak of smallpox.

The Health Visitors are continually urging parents to see that their children are vaccinated and there is plenty of publicity material on the question, but the problem remains.

The Health Authority will continue to do all in their power in the absence of compulsory legislation to increase the vaccination rate, but the answer to the problem lies with the parents.

Immunisation.—1024 children completed a full course of immunisation during the year, while 1919 received maintenance inoculations, compared with 1528 and 2288—1949 figures. This is a very poor figure indeed, and in a year which for the first time had no case of diphtheria occurring in the County. Constant pressure by Health Visitors and by general publicity is still required until such times as the natural immunity of the population is such as to warrant laxity.

General.—Supplies of Calf Lymph A.P.T., P.T.A.P. and combined Diphtheria-Pertussis prophylactic are made available on request from this Department. In February, 1950, sanction was given to the County Nursing Staff to administer the complete course of immunisation in selected cases, where the mother of the child was either unable or unwilling to take the child to the family practitioner or County Clinic. Details of vaccination and immunisation carried out are shown on pages 44 and 46.

SECTION 28.

DOMESTIC HELP.

Staff.—At 30th December, 1950, there were 81 Domestic Helps on the weekly pay-bill—25 full-time and 56 part-time—

but this number fluctuates from week to week as a proportion of the full-time workers and all the part-time workers are employed on a casual basis and are therefore paid only when actually working.

Review.—The demand for full-time service for confinements and short-term illness during the year 1950 showed a comparatively small increase over the previous year (576 cases as against 522 in 1949) but in the case of the part-time service provided for old people and chronic invalids the demand more than doubled, the number of cases attended being 129, as compared with 58 in 1949.

The gratitude freely expressed by the old people who are benefiting from the regular attendance of a woman in their homes to cook a mid-day meal, keep the house clean and do their shopping is most encouraging and shows that this section of the Scheme is meeting a great need in the community. The statistics for the year are shown on page 43, Table V.

SECTION 27.

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Tuberculosis.—The following report has been provided by Dr. J. P. M. McCarey, the Area Supervising Tuberculosis Physician:—

The following tables show the statistical returns, as regards tuberculosis, made to the Department of Health for the year 1950, corrected to agree with the returns of the Registrar-General for Scotland:—

The following information shows the main statistics for the Landward and each of the small burghal areas:—

Landward Area.

51 Respiratory cases came to notice, 43 notifications, 8 transfers in.

12 Non-respiratory cases came to notice, all notifications.

22 Deaths, 21 respiratory and 1 non-respiratory.

98 cases treated in Sanatoria.

37 cases granted domiciliary treatment.

TABLE VII.—RETURN OF CASES OF TUBERCULOSIS NOTIFIED DURING 1950.

TABLE VII.—RETURN OF CASES OF TUBERCULOSIS													
NUMBER OF CASES NOTIFIED AS SUFFERING FROM TUBERCULOSIS												11 Cases removed to hospital	12 Cases notified in a previous year and removed to hospital for the first time during 1950
AGE-GROUPS													
1 Under 1	2 1 and under 5	3 5 and under 10	4 10 and under 15	5 15 and under 25	6 25 and under 35	7 35 and under 45	8 45 and under 65	9 65 and upwards	10 TOTAL				
—	—	1	—	3	11	12	7	—	34	21	5		
1	—	—	1	25	8	6	1	—	42	19	6		
1	—	1	1	28	19	18	8	—	76	40	11		
1	4	2	1	—	1	—	2	—	11	8	—		
—	1	—	5	—	5	1	—	—	12	8	1		
1	5	2	6	—	6	1	2	—	23	16	1		
1	4	3	1	3	12	12	9	—	45	20	5		
1	1	—	6	25	13	7	1	—	54	27	7		
2	5	3	7	28	25	19	10	—	99	56	12		
Respiratory													
M.													
F.													
Total													
Non-respiratory													
M.													
F.													
Total													
Respiratory and Non-respiratory													
M.													
F.													
Grand Total													

• Patients should be divided into respiratory and non-respiratory tuberculosis cases as follows :—

- (1) A respiratory case should be one in which there is a tuberculous lesion of the lungs, pleura, intrathoracic glands, trachea or larynx ;
 - (2) A non-respiratory case should be one in which a tuberculous lesion is present in one or more parts of the body other than the lungs, pleura, intrathoracic glands, trachea or larynx.
- A case in which there are both respiratory and non-respiratory lesions of clinical significance should be classified as a respiratory case.

TABLE VIII.—RETURN OF CASES NOTIFIED DURING YEAR IN WHICH DIAGNOSIS OF TUBERCULOSIS HAS BEEN CONFIRMED

		NUMBER OF CASES DIAGNOSED AS SUFFERING FROM TUBERCULOSIS									
		AGE-GROUPS									
		1 Under 1	2 1 and under 5	3 5 and under 10	4 10 and under 15	5 15 and under 25	6 25 and under 35	7 35 and under 45	8 45 and under 65	9 65 and upwards	10 Total
RESPIRATORY	M.	—	—	1	—	3	11	12	7	—	34
	F.	1	—	—	1	25	8	6	1	—	42
	Total	1	—	1	1	28	19	18	8	—	76
NON-RESPIRATORY	M.	1	4	2	1	—	1	—	2	—	11
	F.	—	1	—	5	—	5	1	—	—	12
	Total	1	5	2	6	—	6	1	2	—	23
RESPIRATORY AND NON-RESPIRATORY	M.	1	4	3	1	3	12	12	9	—	45
	F.	1	1	—	6	25	13	7	1	—	54
	Total	2	5	3	7	28	25	19	10	—	99

TABLE SHOWING THE NUMBER OF CASES WITH TUBERCULOSIS DURING THE YEAR
WHO RECEIVED TREATMENT IN SANATORIA OR OTHER INSTITUTIONS DURING THE YEAR

NUMBER OF PATIENTS						
	1	2	3	4	5	6
	In Institutions on January 1	Admitted during the year	Discharged during the year	Died in the institutions†	In institutions on December 31	
RESPIRATORY— ‡ Adults	M. 32	33	29	6	2	28
	F. 40	24	35	5	—	24
Children	M. —	2	—	—	—	2
	F. 2	—	1	1	—	—
NON-RESPIRATORY— ‡ Adults	M. 10	3	4	—	—	9
	F. 6	7	6	1	—	6
Children	M. 6	9	5	—	—	10
	F. 1	2	2	—	—	1
Total	97	80	82	13	2	80

† In column 4 show those who were in final residence 28 days or over.

‡ In column 5 show those who were in final residence under 28 days.

§ All patients of 16 years and upwards should be classed as adults.

TABLE XL.—RETURN OF NUMBER OF PERSONS WHO DIED FROM TUBERCULOSIS IN THE AREA DURING THE YEAR WITH PARTICULARS AS TO PERIOD ELAPSING BETWEEN NOTIFICATION AND DEATH AND BETWEEN DISCHARGE FROM AN INSTITUTION AND DEATH

(Persons dying in sanatoria, etc., should be included in the figures for the area in which they had their home residence.)

	RESPIRATORY		NON-RESPIRATORY	
	Males	Females	Males	Females
Number of persons who died from tuberculosis				
Of whom—				
Not notified or notified only at or after death	2	—	—	1
Notified less than 1 month before death	3	—	—	—
Notified from 1 to 3 months before death	—	—	—	—
Notified from 3 to 6 months before death	1	1	—	—
Notified from 6 to 12 months before death	—	2	—	1
Notified from 1 to 2 years before death	4	4	—	—
Notified over 2 years before death	10	8	—	—
Total	20	15	—	2
Number who died within 28 days after discharge from an institution	2	—	—	—
Number who died more than 28 days after discharge from an institution	2	6	—	1

Kirkintilloch.

- 25 Respiratory cases came to notice, all notifications.
- 5 Non-respiratory cases came to notice, all notifications.
- 4 Deaths, all respiratory.
- 43 cases treated in Sanatoria.
- 7 cases granted domiciliary treatment.

Milngavie.

- 4 Respiratory cases came to notice, 3 notifications, 1 transfer in.
- 4 Non-respiratory cases came to notice, 3 notifications, 1 transfer in.
- 5 Deaths, 4 respiratory, 1 non-respiratory.
- 21 cases treated in Sanatoria.
- 2 cases granted domiciliary treatment.

Helensburgh.

- 7 Respiratory cases came to notice, 4 notifications, 3 transfers in.
- 4 Non-respiratory cases came to notice, 3 notifications, 1 transfer in.
- 6 Deaths, all respiratory.
- 14 cases treated in Sanatoria.
- 3 cases granted domiciliary treatment.

Cove and Kilcreggan.

- 1 Respiratory case came to notice, a notification.
- 1 case treated in Sanatoria.

Of the 76 notified respiratory cases, 37 were admitted to institutions during the year. 21 of the notified cases had a positive sputum and 15 of these cases were admitted to institutions during the year.

Contacts.

- 30 Contacts were examined during the course of the year; all of these contacts were negative.

Assistance.

During the year the following equipment was supplied to patients: -

- Nursing requisites, 2; Garden shelters, nil; Clothing (not known).

Extra Diet.

49 Patients received extra nourishment (milk).

Rehabilitation.

No return for the year 1950 was made to the Department of Health. Contact with the Ministry of Labour Employment Exchanges was maintained to assist in the rehabilitation of patients and in the registration under the Disabled Persons (Employment) Act, 1944.

Housing.

The Local Authority provided new housing accommodation in 14 cases during 1950 where tuberculosis existed in the household.

Other Services.—The Health Authority continue to advise in cases and known contacts of Venereal Disease.

Provision of Equipment.—The issue of equipment and various appliances begun in 1949 continued during 1950, and as the scheme became known the demand increased. The provision of wheel-chairs was the greatest need, and in each case the District Nurse recommended that the wheel-chair be issued. Other items of equipment supplied included rubber sheeting, bed-pans, bed tables and bed rests, and in one case an iron bed with pulley attachment was provided.

All this equipment is loaned free of charge to patients, and the District Nurse in every case, when visiting, ascertains that the equipment is being properly utilised. The scheme is widely appreciated and will no doubt develop in scope in the years ahead.

CONTROL OF INFECTIOUS DISEASES.

Scarlet Fever.—107 cases were reported during 1950, as against 196 in 1949, and 94 were removed to hospital. The areas most affected were Kirkintilloch Burgh (40) and West Kilpatrick (43). No deaths occurred from this disease.

Diphtheria.—No cases were notified in 1950, as against five in 1949.

Erysipelas.—Eight cases were notified in 1950, as against 20 in 1949. Four cases were removed to hospital.

Primary Pneumonia.—134 cases were reported during 1950, as against 151 in 1949. 113 cases were removed to hospital, and deaths numbered 31 from all forms of pneumonia, as against 49 in 1949.

Influenzal Pneumonia.—Five cases were reported during 1950, as compared with six in 1949. Two cases were removed to hospital.

Cerebro-Spinal Fever.—Four cases were notified, as against 10 in 1949. Three were treated in hospital and two deaths occurred from this disease.

Puerperal Fever and Pyrexia.—Four cases of puerperal fever and one case of puerperal pyrexia were notified during 1950, all of which were treated in hospital. The figures for 1949 were two and three respectively. One death occurred from this disease.

Poliomyelitis.—Eleven cases were notified during the year, eight children and three adults, all of whom were hospitalised. No deaths occurred from the disease.

Smallpox.—Despite the proximity of several smallpox cases during the March-April outbreaks, no cases occurred during the year in the County Area.

Whooping-Cough.—This disease became notifiable on 1st January, 1950, and 222 cases were notified during the year, of which 15 were hospitalised.

Infectious Diseases at Dairy Farms.—One case of poliomyelitis and one case of dysentery occurred on dairy farms, both of whom were hospitalised.

Closure of Schools.—It was not found necessary during the year to close any schools.

B.C.G. VACCINATION, 1950.

RETURN FOR PERIOD 1ST JANUARY, 1950, TO 31ST DECEMBER, 1950.

NIL RETURN.

MENTAL HEALTH SERVICES.

During the course of 1950, the Authorised Officers arranged the certification and removal of 33 patients to Mental Hospitals. Of this total, four were voluntary patients, and, as such, could be discharged within three days by request. Three deaths occurred in institution. The administration of the Mental Health Services worked smoothly, and no difficulties were experienced in the matter of finding accommodation. The admitting hospitals met all expenditure incurred in removals, apart from the doctor's certification fees, which are met by the Local Health Authority. The Authorised Officers did much good work in the way of rehabilitation of discharged patients, and the value of such advice and guidance to patients cannot be too highly stressed. Authorised Officers are employed in six County Areas as follows: Bonhill Parish, Rhu Parish, New Kilpatrick Parish, Old Kilpatrick Parish, Kirkintilloch Burgh, and Kirkintilloch Landward Area which includes Croy, Cumbernauld and Condorrat. Age groupings of patients removed as follows:

—15	—25	—35	—50	—65	—80	+ 80	Total
1	2	5	4	9	10	2	33

AREA DETAILS OF REMOVALS.

Bonhill Parish and Renton	-	-	-	-	-	-	19
Rhu	-	-	-	-	-	-	2
Old Kilpatrick	-	-	-	-	-	-	5
Kirkintilloch Burgh	-	-	-	-	-	-	5
Kirkintilloch Landward	-	-	-	-	-	-	2

I. CARE OF MOTHERS AND YOUNG CHILDREN (SECTION 22)

(i) Ante-natal and post-natal service—nil.

(ii) CHILD WELFARE CLINICS

	No. of clinics* provided at end of year	No. of children who first attended the clinics during year and who on the date of their first attendance were :—†		Total No. of attendances made during year by children who at end of year were :—	
		Under 1 year of age	Over 1 year of age	Under 1 year of age	Over 1 year of age
(1)	(2)	(3)	(4)	(5)	(6)
Local Health Authority Clinics ..	11	1,172	479	11,198	4,490
Clinics provided by Voluntary Organisations	—	—	—	—	—

Notes:—* "Clinics" means Clinic premises, not sessions.

† Excluding children who attended during the previous year or who are known to have previously attended a clinic in another district.

iii) DENTAL CARE

	No. inspected by Dental Officers during the year	No. found to require treatment during the year	No. accepting treatment during the year	No. actually treated by Dental Officers during the year
(1)	(2)	(3)	(4)	(5)
Expectant Mothers	16	16	16	14
Nursing Mothers ..	18	18	18	14
Pre-school children	330	323	323	316

iv) MOTHER AND BABY HOMES

	Number of Beds		Number of cots
	Ante-natal	Post-natal	
(1)	(2)	(3)	(4)
HOUSES OR HOSTELS PROVIDED BY THE AUTHORITY	Nil	Nil	Nil
HOUSES OR HOSTELS PROVIDED BY VOLUNTARY ORGANISATIONS—			
* The Salvation Army Home, Homeland, 104 Gt. Western Road, Glasgow	12	53	33
* St. Gerard's Home, 218-220 Renfrew Street, Glasgow, C3		26	14

* The two Homes are provided under the Local Health Authority scheme for Unmarried Mothers.

† Number of cots actually utilized during the year to be entered under the heading in Column (1) above, and the number of cots in use after October 31, 1947, in Column (2).

(v) DAY NURSERIES (including 24-hour nurseries) as at end of year

	State whether approved for training	No. of Approved places		No. of children on register at end of year		Average daily attendances during year		Waiting List at end of year	
		0-2	2-5	0-2	2-5	0-2	2-5	0-2	2-5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
NURSERIES PROVIDED BY THE AUTHORITY—									
Alexandria Day Nursery Ferryfield, Bank St., Alexandria	Yes	18	22	24	25	19	21	54	156
Helensburgh Day Nursery, East King Street, Helensburgh	Yes	8	16	5	21	5	18	14	24
NURSERIES PROVIDED BY VOLUNTARY ORGANISATIONS—Nil									
NURSERIES PROVIDED BY FIRMS OF MANUFACTURERS—Nil									

(vi) RESIDENTIAL NURSERIES AND CHILDREN'S HOMES provided as part of the Authority's arrangements under Section 22 of the National Health Service (Scotland) Act, 1947—Nil.

(vii) NURSERIES AND CHILD MINDERS REGULATION ACT, 1948—Nil.

II. MIDWIFERY (SECTION 23)

- (i) Total No. of births occurring in the area during year—that is before correction for mother's residence :—
Live Births, 1,073. Still Births, 21. Total, 1,094.
- (ii) Total No. of births in (1) occurring in institutions (including private maternity homes, 275).
- (iii) Total No. of births in (i) occurring at home, 819.
- (iv) No. of births in (iii) classified to show nature of attendance at birth :—

	Cases dealt with under Section 23 (2) of the National Health Service (Scotland) Act, 1917			Other domiciliary cases			TOTAL
	Doctor engaged and present at confinement	Doctor engaged and not present at confinement	Midwife alone (no doctor engaged)	Doctor and Midwife engaged	Midwife alone (no doctor engaged)	Without doctor or Midwife	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis)	282	514	23	—	—	—	819
(b) Midwives employed by Voluntary Organisations under arrangements made by the Authority	—	—	—	—	—	—	—
(c) Midwives employed by Hospital Boards of Management under arrangements made by the Authority with the Regional Hospital Board	—	—	—	—	—	—	—
(d) Private practising midwives	—	—	—	—	—	—	—
(e) TOTALS	282	514	23	—	—	—	819

Midwives employed under Section 22 (1) of the Midwives (Scotland) Act, 1915, are not included in the cases in which a doctor has been "engaged."

(v) Medical Aid

- (a) No of cases in which medical aid was summoned during the year under Section 22 (1) of the Midwives (Scotland), Act, 1915, by a Midwife :—

	Total
(i) for Domiciliary Cases, 3	} 3
(ii) for Institutional Cases, 0	

- (b) No. of cases in which medical aid was summoned during the year for cases where the medical practitioner had agreed to provide maternity medical services under the National Health Service

2

Note.—Cases in which the midwife summoned the medical practitioner to her assistance should not be deemed to be emergencies for the purpose of Section 22 (1) of the Midwives (Scotland) Act, 1915, unless the case is being conducted by a midwife alone—no doctor having been booked.

(vi) Administration of Analgesics

- (a) No. of midwives in practice in the area qualified to administer gas and air analgesia in accordance with the requirements of the Central Midwives Board for Scotland :—

Total

(i) Domiciliary (including hospital midwives undertaking domiciliary midwifery cases under arrangements made by the Local Health Authority and the Regional Hospital Board), 28	} 42
(ii) In Institutions, 14	

- (b) No. of domiciliary midwives who received their training during the year

4

- (c) No. of sets of Apparatus for the administration of gas and air in use at 31st December, 1950, by domiciliary midwives employed by the Authority, or employed by (including those in use by hospital midwives undertaking domiciliary cases)

28

- (d) No. of sets on order at 31st December, 1950

—

- (e) No. of cases in which gas and air was administered by midwives in domiciliary practice during the year Voluntary Organisations in the Authority's area (including cases attended by hospital midwives undertaking domiciliary cases)

366

- (f) No. of cases in which pethidine was administered by midwives in domiciliary practice during the year (including cases attended by hospital midwives undertaking domiciliary cases)

328

- (vii) No. of Cars in use by midwives at 31st December, 1950

16

III. HEALTH VISITING (SECTION 24)

	No. of Visits paid by Health Visitors (or by District Nurses in their capacity as Health Visitors) during the year										
	Expectant Mothers*		Children under 1 year of age		Children between the age of 1 and 5		Tuberculosis cases		Other cases		Total Visits Paid
	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Health Visitors employed by the Authority	105	286	1,585	10,251	83	10,403	93	784	727	2,015	23,739
Health Visitors employed by Voluntary Organisations	—	—	—	—	—	—	—	—	—	—	—

Notes.—*These visits do not include visits paid by a midwife-health visitor who is to attend the confinement as a midwife or maternity nurse.

†Excluding cases visited during the previous year and cases known to have previously been visited in another area.

IV. HOME NURSING (SECTION 25)

	No. of Cases attended by Home Nurses (or by District Nurses in their capacity as Home Nurses) under arrangements made under this Section	No. of Visits paid by Nurses to these Cases
(1)	(2)	(3)
Home Nurses employed directly by the Authority	3,303	55,496
Home Nurses employed by Voluntary Organisations under arrangements made by the Authority	—	—

V. DOMESTIC HELP (SECTION 28)

(i) No. of Domestic Helps employed at end of year	81
(a) whole-time	11
(b) part-time	56
(c) Retaining fee basis	14
(ii) No. of cases for which Helps were provided during year	705
(iii) No. of cases in (ii) provided on account of confinement :—	
(a) at home	291
(b) in hospital	—
(iv) Average period of assistance	3¼ weeks

ANTE-NATAL AND POST-NATAL CLINICS

There are no Ante-Natal or Post-Natal Clinics held by the Local Health Authorities.

CHILD WELFARE CLINIC SESSIONS

Name and Address of Clinic	Number of Weekly Sessions with Health Visitor only	Number of Weekly Sessions with Health Visitor and Doctor	Total Weekly
Alexandria—The Clinic, Bank Street	1		1
Renton—The Clinic, John Street	1	1	2
Helensburgh—The Clinic, East King Street	1	1	2
Duntocher—U.F. Church Hall,	—	1	1
Old Kilpatrick—c/o J. Pirie, M.P.S., Powside	—	1	1
Twechar—Public School	—	1	1
Cumbernauld—Public School	1	1	2
Kirkintilloch—The Clinic, Lenzie Road	1	1	2
Milngavie—37 Station Road	—	1	1
Croy—Dunbarton County Council Rent Office	—	1	1
Bearsden—Hillfoot Clinic	1	1	2

TABLE XIII.—DIPHThERIA IMMUNISATION

RETURN FOR PERIOD FROM 1ST JULY, 1950, TO 31ST DECEMBER, 1950

Year of birth of persons	*Number of children who completed a full course of immunisation during the half-year ended 31/12/50	Number of maintenance inoculations given during the half-year ended 31/12/50
1950	37	—
1949	256	—
1948	52	—
1947	18	—
1946	14	—
1945	33	142
1944	14	42
1943	7	36
1942	2	6
1941	54	94
1940	1	11
1939	3	9
1938	—	1
1937	—	89
1936	4	3
1935 or earlier	1	3
Totals	496	436

* The information should be in respect of all children who have received the full course of a course of immunisation during the half year. As indicated in Appendix C to D.H.S. Circular 76/1948, the waiting period of 12 weeks for the development of immunity is now to be disregarded.

TABLE XII.—MATERNITY AND CHILD WELFARE DENTAL
SERVICE—JANUARY, 1950/DECEMBER, 1950
Entire County excluding Burghs of Clydebank and Dumbarton

	Maternity Service		Child Welfare
	Ante-Natal	Post-Natal	
1. Number Inspected	16	18	330
2. Number Requiring Treatment	16	18	323
3. Number Accepting Treatment	16	18	323
4. Number Actually Treated	14	14	316
5. Number of Attendances	36	41	431
6. Number Completed Treatment	10	8	202
<i>Treatment—</i>			
(a) Number of Fillings	4	7	90
(b) Number of Teeth Extracted	61	49	526
(c) Number Under Local Anaesthesia	3	2	39
(d) Number of Administrations of General Anaesthesia	6	5	148
(e) Number of Dentures Supplied	2	4	—
(f) Number of Dentures Repaired	—	1	—

TABLE XIV.—VACCINATION
RETURN FOR PERIOD 1ST JANUARY, 1950, TO 31ST DECEMBER, 1950

Year of birth of Persons	NUMBER OF PERSONS PRIMARILY VACCINATED DURING PERIOD				NUMBER OF PERSONS RE-VACCINATED DURING PERIOD				Number of persons specially reported during period because of actual or alleged complication of vaccination
	Typical vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) Reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction	Typical vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction	
1950	184	13	4	32	9	—	—	—	
1949	416	4	4	23	2	—	—	1	
1948	269	1	—	24	7	—	—	1	
1947	71	—	—	1	12	—	—	3	
1946	55	—	—	—	31	2	1	1	
1945	53	1	—	—	30	—	1	1	
1944	44	—	—	—	37	1	1	2	
1943	39	—	—	1	43	4	4	2	
1942	43	—	—	—	42	3	2	1	
1941	31	1	—	—	63	3	1	3	
1940	42	2	—	—	69	2	4	7	
1939	36	—	—	—	56	—	3	5	
1938	43	—	—	—	63	6	1	4	
1937	28	—	—	1	84	3	1	3	
1936	27	—	—	—	45	4	2	3	
1935 or earlier	320	8	4	8	1,802	126	144	129	
Totals	1,704	39	12	90	2,435	154	165	166	

A. SHOWING THE NUMBER OF CASES OF INFECTIOUS DISEASE OCCURRING IN HOUSES OF DIFFERENT SIZES, &c., IN 1950.

47

DISEASE.	Number of Apartments.					Cases occurring in					Total No. of Cases.	
	One.	Two.	Three.	Four.	Five.	Over Five.	Insti- tutions.	Hotels.	Ships.	Tents.		House- boats.
Poliomyelitis, ...	...	3	4	2	...	2	..	...	...	...	...	11
Scarlet Fever, ...	1	22	38	29	10	6	1	...	...	...	...	107
Erysipelas, ...	...	1	2	1	2	1	1	...	...	...	...	8
Puerperal Fever, ...	...	...	2	...	...	...	1	...	...	1	...	4
Primary Pneumonia, ...	1	35	51	33	3	4	5	1	1	...	1	135
Secondary Pneumonia, ...	...	1	2	1	1	...	...	...	...	...	...	5
Puerperal Pyrexia, ...	...	1	...	...	..	...	...	...	...	...	...	1
Cerebral Spinal Fever, ...	...	...	...	3	1	...	...	...	...	...	...	4
Meningitis, ...	...	...	3	...	...	1	1	...	...	...	...	5
Cerebral Neoratorum, ...	...	...	1	...	...	...	...	...	...	...	...	1
Para Typhoid B., ...	...	...	...	...	...	...	1	...	...	...	...	1
Whooping Cough, ...	3	72	75	51	12	9	...	...	...	...	...	222
	5	135	178	120	29	23	10	1	1	1	1	504

COUNTY OF DUNBARTON.

TABLE XVII.—CASES OF INFECTIOUS DISEASE COMING TO THE KNOWLEDGE
OF THE MEDICAL OFFICER DURING 1950.

Parish.	Whooping Cough.	Scarlet Fever.	Erysipelas.	Puerperal Fever.	Puerperal Pyrexia.	Primary Pneumonia.	Influenzal Pneumonia.	Cerebro Spinal Fever.	Dysentery.	Poliomylitis.	Ophthalmia Neonatorum.	Para Typhoid B.	Totals.
Bonhill,	26	9	..	3	..	23	1	1	..	2	..	..	70
Cardross,	67	3	1	..	1	32	..	1	..	..	1	..	106
Kilmaronock, . . . . .	..	1	..	..	..	..	..	..	..	..	..	..	1
Rosneath (Landward), . . . . .	..	2	..	..	..	..	..	..	..	..	..	..	2
Rosneath (Burgh), . . . . .	..	..	..	1	..	1	..	..	..	..	..	..	2
Rhu (Landward), . . . . .	..	6	..	..	..	7	..	..	..	..	..	..	13
Rhu (Burgh), . . . . .	..	..	1	..	..	10	..	..	..	..	..	..	11
West Kilpatrick,	43	10	1	..	..	13	..	..	..	1	..	..	68
East Kilpatrick (Landward),	5	9	..	..	..	3	..	2	..	1	..	1	21
East Kilpatrick (Burgh),	16	22	1	..	..	2	1	..	..	..	..	..	49
East Kilpatrick (Burgh),	7	6	1	..	..	5	2	..	2	..	..	..	23
Kirkintilloch (Landward),	40	28	3	..	..	32	..	..	1	3	..	..	107
Kirkintilloch (Burgh),	18	4	..	..	..	2	1	..	2	4	..	..	31
Combernauld, . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals,	222	107	8	4	1	135	5	4	6	11	1	1	504
Removed to Hospital,	15	24	1	1	1	113	2	3	4	11	1	1	232

TABLE XVI.—RETURN OF CASES OF INFECTIOUS DISEASE (EXCLUDING TUBERCULOSIS) NOTIFIED DURING THE YEAR ENDED 31ST DECEMBER, 1950

DISEASE	NUMBER OF CASES COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICE OF HEALTH AND ACCEPTED BY HIM AS SUFFERING FROM THE STATED DISEASE										
	At all ages	At Age—Years								Cases removed to hospital	Cases not removed to hospital
		Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards		
	1	2	3	4	5	6	7	8	9	10	11
Cerebro-Spinal Fever M.	3	—	1	—	—	1	—	1	—	3	—
..... F.	1	—	—	1	—	—	—	—	—	—	1
Chickenpox M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Cholera M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Continued Fever M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Diphtheria M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Dysentery M.	4	—	—	2	—	—	—	1	1	4	—
..... F.	1	—	1	—	—	—	—	—	—	—	1
Encephalitis Lethargica M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Erysipelas M.	4	—	—	1	—	—	—	2	1	2	2
..... F.	4	—	—	—	—	—	—	2	2	2	2
Jaundice, Acute Infective M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Malaria M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Measles M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	1	—	—	—	—	—	—	—	—	1
Plague M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Pneumonia, Acute Influenzal M.	3	—	—	1	1	—	—	—	1	—	3
..... F.	2	—	—	—	1	1	—	—	—	2	—
Pneumonia, Acute Primary M.	72	8	24	6	4	6	9	8	7	59	13
..... F.	63	10	9	6	3	9	6	11	9	54	9
Pneumonia (not otherwise notifiable) M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis, Acute M.	3	—	1	2	—	—	—	—	—	3	—
..... F.	8	—	1	1	2	1	—	—	—	3	—
Puerperal Fever M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	4	—	—	—	—	4	—	—	—	4	—
Puerperal Pyrexia M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	—	—	—	—	1	—	—	—	1	—
Scarlet Fever M.	53	—	18	32	2	1	—	—	—	46	7
..... F.	54	—	14	35	—	4	—	1	—	48	6
Smallpox M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid A M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid B M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	—	—	—	—	—	1	—	—	1	—
Typhus Fever M.	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—
Whooping-Cough M.	106	8	57	41	—	—	—	—	—	8	98
..... F.	116	12	60	41	1	2	—	—	—	7	109
Total M.	443	16	101	85	7	8	9	12	10	125	113
..... F.	256	13	75	87	7	22	7	14	11	127	100

NURSERIES AND CHILD MINDERS REGULATIONS, 1948.

No applications were received in respect of premises during the year 1950.

No intimations were received by the Local Authority during 1950, in terms of the Regulations, from Child Minders.

PORT HEALTH ADMINISTRATION—C.

This Local Authority makes an annual payment to the Corporation of Glasgow for services carried out by that Port Health Authority in our area, particularly at Bowling.

FOOD SUPPLY—D.

Milk.—Generally speaking, the production of clean milk has been very satisfactory, while the proportion of attested herds in the County is high. The possibility of T.B. infection by milk is receding, but especially in the summer season, there is reason for improvement in farmers' methods so as to safeguard the keeping qualities of the milk.

The constant supervision by the Milk Inspectresses and Sanitary Inspectors over the course of the last few years is now showing full dividends and it is hoped that Dunbartonshire will be one of the areas to become specified in terms of the Milk (Special Designation) Order.

Ice-cream Regulations.—Several further registrations were made during the year and the standards of premises generally are now satisfactory.

Meat and Other Foods.—No comments.

Food Hygiene.—Efforts were made to organise traders, but, in view of the fact that there seems to be no properly constituted trade channels in the area, the matter has been left in abeyance meantime.

No cases of food poisoning outbreaks due to defective food hygiene were recorded.

Food Poisoning.—No outbreaks of food poisoning were reported during 1950.

Nutrition.—There is nothing to report under this heading.

MISCELLANEOUS.

E.

NATIONAL ASSISTANCE ACT, 1948.

Part III Accommodation. — Suitable accommodation remained a problem during 1950. A proposal to adapt a block of four \times four-apartment Local Authority houses to provide accommodation was not acceptable to the Department of Health. The "Houses for Sale" columns in the Press were regularly examined, and, in several instances, enquiries instituted, and the houses visited, but to no avail. Finding suitably sized houses in this area is difficult at any time, and their locus when found in relation to population centres is another difficulty. It is also a common occurrence to find that a suitable house has already been sold privately by the time the Local Authority has obtained the services of the District Valuer. The search for suitable houses for conversion continues, however, and in the meantime Townend Hospital continues to be our only accommodation, and it of course is quite unsuitable to meet the needs. The increasing development of the Part-Time Domestic Help Service referred to elsewhere in this report has fortunately and happily reduced waiting lists for Part III accommodation. Plans were prepared for the erection of a Home for the Aged in Milton, by Bowling, and it is hoped that this work will commence in 1951, if the necessary consent to Capital Expenditure is forthcoming.

TABLE XVIII.—STATISTICS RELATIVE TO BLIND PERSONS AS AT 1st APRIL, 1951.

DUNBARTON COUNTY (INCLUDING SMALL BURGHs).

M=Males; F=Females; T=Total.

TABLE I.—CASES REGISTERED FOR FIRST TIME DURING YEAR ENDED 31st MARCH, 1951.
AGES AT TIME OF REGISTRATION AND PROBABLE YEAR OF ONSET OF BLINDNESS.

Probable Year of Onset	AGE AT REGISTRATION																Total					
	0-2		3-4		5-15		16-17		18-29		30-39		40-49		50-69			70+				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.		
Pr. 1 to 1947	2	1	...	1	2	5	
1947	
1948	
1949	3	1	3	6	
1950	1	...	...	...	...	...	...	...	...	...	...	...
1951	1	1	...	2	1	3	4
...

II.—CASES REGISTERED FOR FIRST TIME DURING YEAR ENDED 31st MARCH, 1951.
CERTIFICATION OF BLINDNESS.

Certified by				Cases Registered without Medical Examination		Total
Ophthalmic Surgeons attached to Clinics		Other Ophthalmic Surgeons		Medical Practitioners other than Ophthalmic Surgeons		
14	14

III.—NUMBERS ACCORDING TO DIFFERENT AGE-GROUPS OF ALL BLIND PERSONS ON THE REGISTER.

* 0-2		3-4		5-15		16-17		18-29		30-39		40-49		50-69		70+		Total
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1	1	1	1	1	1	1	1	1	1	1	1	2	1	20	22	24	25	136

Medical Supervision and Services.—These services were provided in Part III accommodation in Townsend Hospital. Domestic Helps for Handicapped and the Aged were provided under Section 28 of the National Health Act, while Health Visitors and Home Nurses paid regular calls on patients. The Welfare Officers also visited many cases and gave assistance and advice.

Registration and Inspection of Homes for the Aged and Disabled.—No registrations were made during 1950 and accordingly no inspections took place.

Removals (Section 47).—No removals were called for during 1950, the Welfare Officers in all cases being able to persuade the patient to remove to hospital or Part III accommodation.

Care of Property (Section 48).—As there were no removals under Section 47, no arrangements under this head were called for. Where patients removed voluntarily, Welfare Officers were able to make suitable arrangements with relatives regarding care of property.

Burials (Section 50).—Burials under this section of the Act took place and the expenditure paid by the Local Authority without prejudice.

SECTION 29.

WELFARE SERVICES.

Handicapped Persons (excluding Blind Persons).—Provision of services for handicapped persons, excepting blind persons, remained comparatively untouched. Services we were able to provide were no more than advice by the Welfare Officers and Health Visitors, plus of course Domestic Help. Occupational therapy was still untouched, though it was hoped to establish such a service in the persons' own homes during 1951. It would seem that such a scheme for home teaching of the handicapped would require an *ad hoc* Local Authority service, since the existing voluntary organisations, in this

County Area at least, might be unable to cope with possible demands.

Blind Persons.—This Authority continued the working arrangement during 1950 with the Glasgow Mission to the Outdoor Blind and the Glasgow Blind Asylum, as agreed under the constitution of the South-West Scotland Joint Committee for the Blind.

The Mission's Area Home Teacher visited all cases on the roll regularly and, in suitable cases, gave Braille tuition and supplied materials for craftwork. The numbers thus employed were, however, small, as can be seen by reference to the Statistical Table, due in the main to the fact that most registered Blind were also old, and were either not anxious or simply not able to learn anything new so late in life.

Close contact is maintained between the Area Home Teacher and this Department, and if the schemes for welfare of handicapped persons, other than blind, were of the same standard the Council could remain content.

Wireless Licences and Glasgow Corporation Travel Passes.

During 1950, 28 wireless licences were issued or renewed and four travel passes on the tramways in Glasgow were issued.

Statistics.—The following Tables show the statistics for Blind Persons in the Dunbarton County Area:—

TABLE XIX.

	On Register at 1/1/50.	Added during year.	Total.	Died During Year.	Left district during year.	Certifi- cation with- drawn.	1950 R 14
Burgh of Kirkintilloch,	14	1	15	2	1	...	12
Burgh of Helensburgh,	9	1	13	1	..	...	9
Burgh of Milngavie, ...	11	3	14	1	..	...	8
Burgh of Kilcreggan, ...	...	...	...	...	...	...	...
Eastern Area							
(Landward), ...	31	7	38	3	..	...	25
Western Area							
(Landward), ...	13	6	49	7	1	...	40
	108	21	129	17	2	...	85

Nursing Homes Regulation (Scotland) Act, 1938.—There are no registered Nursing Homes within the County Area.

Health Education.—No specific Health Education campaigning was carried out during the year in the area, but literature was issued to and distributed by all Health Department agencies.

General Sanitation. Water Supplies.—The following Table gives details of samples taken during the year:—

TABLE XX
DETAILS OF ANALYSES OF WATER SAMPLES, 1950

SOURCE	Total	EASTERN AREA			WESTERN AREA		
		Good	Usable	Bad	Good	Usable	Bad
DWELLING HOUSES—							
<i>Private Supplies—</i>							
Upland Surface	7	1	—	—	2	4	—
Surface Spring	4	—	—	—	2	2	—
Shallow Well	1	—	—	—	—	1	—
Source Unknown	1	—	—	—	—	—	1
PUBLIC SUPPLIES—							
<i>Gravitation—</i>							
Kirkintilloch	1	1	—	—	—	—	—
Lanarkshire	3	3	—	—	—	—	—
Dumbuck Private							
Supply	1	1	—	—	—	—	—
Finlas	2	—	—	—	2	—	—
Arrochar	—	—	—	—	—	—	—
Rhu	7	—	—	—	7	—	—
Asker Filters	1	—	—	—	1	—	—
Ronneth	1	—	—	—	1	—	—
Carman Filters	1	—	—	—	1	—	—

Rivers Pollution.—In the case of the River Luggie, the condition of the river remained satisfactory. Complaints regarding the River Allander were again investigated, but improvements in the recovery processes at the factory are still slow.

On the 13th July it was reported that a large number of fish were floating dead in the River Leven. By a fortunate chance samples of the river water were taken sufficiently

quickly to be able to discover the toxic factor to be cyanide. This was found in various portions of the river between Bonhill Bridge and Dalquhurn Point in concentrations varying between 0.01 and 0.52 parts per million.

The firms that might be involved were interviewed and one firm which might possibly have been at fault were instructed as to future care, while the Sanitary Inspectors Department were instructed to supervise the factories concerned with even more care than usual at about the time of the Fair holidays.

Offensive Trades.—No complaints were received.

OTHER MATTERS.

Meteorology.—Table XXI on page 54 shows the Annual Rainfall in the various County Areas during 1950.

REPORT ON HOUSING PROGRESS BY THE COUNTY ARCHITECT FOR THE YEAR 1950.

The availability of materials and labour were during the year 1950 again the controlling factors governing the progress made with the County Council's various housing programmes.

Timber is still subject to rigid control, and the timber content per house is limited to a maximum of two standards of softwood, necessitating unfortunately the continued use of concrete for the ground floors of new houses.

During the course of the year, extreme shortages occurred at intervals in such materials as cement, bricks, cast iron plumber fittings, and in sanitary and electrical equipment. Due to the cement shortage, the Department of Health restricted its use for footpaths and kerbing, resulting in many of the housing schemes being provided with tarmacadam paths.

Difficulty was again experienced during the year by contractors in obtaining and holding labour on the various sites.

This problem has been particularly acute at the smaller outlying and inaccessible schemes and progress has at several such sites been slow.

The majority of the houses built this year were again of the Non-Traditional type, viz., Whitson-Fairhurst, Blackburn and Orlit, while only 46 Traditional houses were under construction.

As a result of increases in wages and the price of materials, the costs of housing rose considerably during the year, and it was only with exceptional approval from the Department of Health that some of the smaller schemes in outlying areas were approved and allowed to proceed.

The County Council were handicapped by a lack of prepared sites on which to quickly commence the erection of their housing allocations, and difficulty has been experienced in acquiring new sites from owners unwilling to sell. In the case of two large sites at Lomond Crescent, Alexandria, and Milton Farm, Jamestown, the County Council were subjected to the protracted negotiations and delay involved in the promotion of Compulsory Purchase Orders.

Under present conditions, however, the progress made generally with the provision of new houses has been reasonably satisfactory, and compares favourably with the progress made by similar Local Authorities.

Control of Civil Building—War Damage.—During the year, only one licence was issued authorising the carrying out of war damage repairs at an estimated cost of £365 10s. 3d.

The 16 blitzed houses for which rebuilding licences had been issued were all reported as completely rebuilt by September, 1950.

The undernoted houses were under construction during the course of the year:—

ERECTION OF PERMANENT HOUSES.

1939 PROGRAMME.

Traditional Houses—46:

(1) Arrochar	(6 houses)
(2) Rosneath	(6 „)
(3) Garelochhead	(8 „)
(4) Cardross	(4 „)
(5) Old Kilpatrick	(7 „)
(6) Stuart Street, Old Kilpatrick	(15 „)

Non-Traditional Houses—258 Blackburn Houses:

(1) Dalmonach	(62 houses)
(2) Tullichewan	(28 „)
(3) Chapellhill	(34 „)
(4) Goldenhill	(20 „)
(5) Bearsden	(24 „)
(6) Milton	(20 „)
(7) Twechar	(20 „)
(8) Cardross	(40 „)
(9) Condorrat	(10 „)

HOUSES FOR AGRICULTURAL WORKERS.

1948/49 PROGRAMME.

30 Orlit Houses:

(1) Colgrain, Craigendoran	(4 houses)
(2) Kippacoch, Dalmoak	(4 „)
(3) Blairquhomrie, Jamestown	(4 „)
(4) Ballagan, Jamestown	(4 „)
(5) Craigton, Milngavie	(4 „)
(6) Abrohill, Cumbernauld	(4 „)
(7) Condorrat	(4 „)

1950 PROGRAMME.

Non-Traditional—120 Orlit Houses:

(1) Dalmonach	(64 houses)
(2) Milton, Dumbuck	(12 „)
(3) Waterside	(16 „)
(4) Croy	(16 „)
(5) Arrochar	(4 „)
(6) Rhu	(4 „)
(7) Castlecary	(4 „)

Non-Traditional—256 Whitson-Fairhurst Houses:

(1) Dalmonach	(32 houses)
(2) Bearsden	(20 „)
(3) Milton	(24 „)
(4) Twechar	(16 „)
(5) Cardross	(10 „)
(6) Condorrat	(20 „)
(7) Gartocharn	(8 „)
(8) Rosneath	(10 „)
(9) Argyll Street, Alexandria	(20 „)

Construction had not started on the following sites:—

(10) Cumbernauld	(24 houses)
(11) Garelochhead	(8 „)
(12) Tontine Park, Renton	(12 „)
(13) Lomond Crescent, Alexandria	(52 „)

NUMBER OF HOUSES COMPLETED DURING THE YEAR.

Traditional - - -	22 houses
Non-Traditional - - -	367 „
Agricultural - - -	Nil

During the year 87 Representations were made affecting 87 houses under the Housing (Scotland) Act, 1950.

RENTON										
Situation of Property	No. of			Apartments						
	Houses	1	2	3	4	5	6	7		
<i>Closing Order—</i>										
8 Stirling Street, Renton - - -	1	—	1	—	—	—	—	—	—	
92 Back Street, Renton - - -	1	—	1	—	—	—	—	—	—	
<i>Demolition Order—</i>										
85 Back Street, Renton - - -	1	—	1	—	—	—	—	—	—	u
<i>Termination of Closing Order—</i>										
62 Main Street, Renton - - -	1	—	1	—	—	—	—	—	—	u
	4	—	4	—	—	—	—	—	—	2u

DUNTOCHER										
Situation of Property	No. of			Apartments						
	Houses	1	2	3	4	5	6	7		
<i>Demolition Order—</i>										
Glasgow Road, Hardgate - - -	1	—	1	—	—	—	—	—	—	u

WATERSIDE										
Situation of Property	No. of			Apartments						
	Houses	1	2	3	4	5	6	7		
<i>Closing Order—</i>										
Whitchill, by Kirkintilloch - - -	1	—	1	—	—	—	—	—	—	

TWECHAR										
Situation of Property	No. of			Apartments						
	Houses	1	2	3	4	5	6	7		
<i>Demolition Order—</i>										
121/144 Barrhill Rows, Twechar -	24	1	22	1	—	—	—	—	—	

CUMBERNAULD

Situation of Property	No. of Houses	Apartments						
		1	2	3	4	5	6	7
<i>Demolition Order—</i>								
Palacerigg, Cumbernauld Station -	1	—	1	—	—	—	—	—
Kirkview, Main Road, Condorrat -	1	—	1	—	—	—	—	—
Kirkview, Main Road, Condorrat -	1	1	—	—	—	—	—	—
Kirkview, Main Road, Condorrat -	1	1	—	—	—	—	—	—
Kirkview, Main Road, Condorrat -	1	—	1	—	—	—	—	—
Main Road, Condorrat -	1	—	—	—	1	—	—	—
	6	2	3	—	1	—	—	—

MILTON AND BOWLING

Situation of Property	No. of Houses	Apartments						
		1	2	3	4	5	6	7
<i>Closing Order—</i>								
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	1	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	1	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	—	1	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	1	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	1	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Buchanan's Land, Milton Brae -	1	—	1	—	—	—	—	—
Cottage, School Brae, Milton Brae,	1	—	—	—	1	—	—	—
Dunglass Cottages, Bowling -	1	—	—	—	1	—	—	—
Buchanan's Land, Milton Brae -	1	—	—	1	—	—	—	—
Old Colquhoun, Dumbuck -	1	—	1	—	—	—	—	—

Demolition Order—

Old Colquhoun, Dumbuck -	1	—	1	—	—	—	—	—
Old Colquhoun, Dumbuck -	1	—	1	—	—	—	—	—
Old Colquhoun, Dumbuck -	1	—	1	—	—	—	—	—

Termination of Closing Order—

Old Colquhoun, Dumbuck -	-	1	—	1	—	—	—	—	u
Old Colquhoun, Dumbuck -	-	1	—	1	—	—	—	—	u
		25	—	15	5	5	—	—	6u

BONHILL

Situation of Property		No. of		Apartments						
		Houses	1	2	3	4	5	6	7	
<i>Closing Order—</i>										
24 Mitchell Street, Alexandria	-	1	—	1	—	—	—	—	—	
183 Main Street, Bonhill	-	1	—	1	—	—	—	—	—	
3 Knowehead, Balloch -	-	1	—	1	—	—	—	—	—	
40 Main Street, Alexandria	-	1	—	1	—	—	—	—	—	u
267 Main Street, Bonhill -	-	1	—	1	—	—	—	—	—	
47 Mitchell Street, Alexandria	-	1	—	1	—	—	—	—	—	
47 Mitchell Street, Alexandria	-	1	—	—	1	—	—	—	—	
47 Mitchell Street, Alexandria	-	1	—	—	1	—	—	—	—	u
52/62 Main Street, Alexandria	-	2	—	1	1	—	—	—	—	u
267 Main Street, Bonhill	-	1	—	—	1	—	—	—	—	
257 Main Street, Bonhill	-	1	1	—	—	—	—	—	—	

Demolition Order—

2 Random Street, Alexandria -	-	1	—	—	1	—	—	—	—	
28 Random Street, Alexandria	-	1	—	1	—	—	—	—	—	u
1 Hill Street, Alexandria	-	1	—	1	—	—	—	—	—	
1 Hill Street, Alexandria	-	1	—	1	—	—	—	—	—	
52 Main Street, Alexandria	-	1	—	1	—	—	—	—	—	
54 Main Street, Alexandria	-	1	—	1	—	—	—	—	—	
56 Main Street, Alexandria	-	1	—	1	—	—	—	—	—	
60 Main Street, Alexandria	-	1	—	1	—	—	—	—	—	
155 Main Street, Jamestown	-	1	—	—	1	—	—	—	—	
47 Mitchell Street, Alexandria	-	1	—	—	1	—	—	—	—	

Termination of Closing Order—

16 Gray Street, Alexandria -	-	1	—	1	—	—	—	—	—	u
18 Gray Street, Alexandria -	-	1	—	1	—	—	—	—	—	u
8 Gray Street, Alexandria -	-	1	—	1	—	—	—	—	—	u
10 Gray Street, Alexandria -	-	1	—	1	—	—	—	—	—	u
		26	1	18	7	—	—	—	—	8u

Total of All Areas - - 87 4 65 13 5 — — — 17u

TABLE XXII.

PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACTS, 1937-1948.

PART I OF THE ACT

I.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors)—

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	118	159	2	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	133	217	6	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority	23	52	—	—
Total	274	428	7	—

cases to be discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	1	1	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective Drainage of Floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)— (a) Insufficient	6	5	—	—	—
(b) Unsuitable or Defective	9	9	—	—	—
(c) Not Separate for Sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to Outwork	—	—	—	—	—
Total	16	15	—	—	—

Medical Inspection of School Children

1950-1951

(Year ending 31st July, 1951)

;

COUNTY COUNCIL OF DUNBARTON.

SCHOOL MEDICAL STAFF.

Supervising School Medical Officer.

SAMUEL HARVEY, M.B., Ch.B., M.R.C.P.(Edin.), D.P.H.

School Medical Officers.

ELLEN CUSH, M.B., Ch.B., D.P.H.

JAIN MACLEOD, M.B., Ch.B., D.P.H.

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (Part-time.)

ERIC M. SEWELL, M.B., Ch.B., D.P.H.

* AGNES W. B. F. O'GORMAN L.R.C.P., L.R.C.S.(Edin.),
L.R.F.P.S.(Glas.), D.P.H. (From 15/3/51 to 21/6/51.)

* JEAN A. EADIE, M.B., Ch.B., (26/2/51 to 25/6/51.)

* Temporarily employed on a sessional basis.

Chief Dental Officer.

FELIX A. CASSIDY, L.D.S., D.D.S.(McGill).

Dental Surgeons.

ELIZABETH McKENDRICK, L.D.S. JOHN H. N. MACDONALD, L.D.S.

MRS. MARY W. DINN, L.D.S. SHEILA S. SPEIRS, L.D.S.

* Resigned 15/8/50.

Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., Ch.B., B.Sc., D.O.M.S., F.R.F.P.S.

Ear, Nose and Throat Specialist.

S. FULTON CHRISTIE, M.B., Ch.B. F.R.F.P.S.

Anæsthetist.

A. FERGUS McINTYRE, M.B., Ch.B.

Nurse in Charge of Orthopaedic Clinics.

MORAG T. GALLOWAY.

Orthopaedic Assistants.

AGNES M. F. MALCOLM, JEAN S. A. HOWATT. (Part-time)
Mrs. MARGARET S. MACLAGAN. (Commenced 29/8/50.)

Nursing Staff.

C. M. JEFFREY.	A. TAYLOR.
J. P. SCOTT.	C. DEMPSEY.
C. T. GAVIN.	M. G. MILLER.
J. McHAFIE.	A. GEE.
H. STIRLING.	C. KING.
M. GILMOUR.	M. CALLANDER.
K. STEVENSON.	E. A. SANDILANDS.
M. McDONALD.	M. CALLAGHAN.
E. M. RANKIN.	A. VEITCH.
MRS. M. THOMPSON.	MRS. J. CAMERON.
(Resigned 31/10/50.)	MARY J. GOW.
	(Commenced 15/1/51.)

* Employed solely on School Medical Duties.

Audiometrician.

CHRISTINA P. ROGERS. (Commenced 16/8/49.)

Dental Attendants.

ANNIE S. RAE.	ETHEL SMITH.
JEAN McD. MCGREGOR.	(Resigned 1/9/50.)
MRS. M. SAMSON.	ELIZABETH KNOX.
ELIZABETH ROLLO.	(Commenced 23/4/51.)

Attendant at Orthopædic Clinics.

MARGARET C. BLACK.

Clerks.

JAMES GALLACHIE.	ELIZABETH McFARLANE.
ELIZABETH McLEAN.	ELIZABETH PATERSON.

R E P O R T

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON.

1.—LIST OF STAFF.

(See pages 66 and 67.)

2.—(a) NUMBER OF SCHOOLS.

School Management Area—

Cumbernauld, - - - - -	4
Kirkintilloch, - - - - -	6
New Kilpatrick, - - - - -	5
Old Kilpatrick, - - - - -	12
Dumbarton, - - - - -	7
Vale of Leven, - - - - -	12
Helensburgh, - - - - -	10
<hr/>	
Total, - - - - -	56
<hr/>	

b) NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE ATTENDANCES DURING SESSION 1950-51

School Management Area	Average on Roll	Average Attending	Per Cent.
Cumbernauld	874.6	780.4	90.9
Kirkintilloch	3641.4	3250.4	89.3
New Kilpatrick	1907.4	1741.8	91.3
Old Kilpatrick	8267.6	7464.0	90.3
Dumbarton	4003.2	4172.4	90.6
Vale of Leven	3343.2	3028.2	90.6
Helensburgh	1815.5	1629.1	89.7
<hr/>			
Total	24,452.9	22,066.3	90.2

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS.

Note.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above, - - - - -	54
--------------------------------------	----

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS.

For re-examination of defective children, - - -	40
For re-examination of backward, mentally or physically defective children, - - -	57
Attendances at school clinics, - - - -	322
Attendances for office work, &c., - - -	136
For inquiry regarding infectious diseases (including scabies), - - - - -	4
Diphtheria immunisation, - - - - -	6
Others, - - - - -	42
Total, - - - - -	677

SANITARY CONDITIONS OF SCHOOLS.

During the financial year 1950-51 the attention of the Visiting Committee was drawn to the unsatisfactory sanitary arrangements at Gartconner School and a complete modernisation of these offices will be carried out in the very near future. It is also intended to modernise the lavatories at Our Holy Redeemer's R.C. School, Clydebank, and to install special baths in the cloakroom at Townhead Junior Secondary School, Kirkintilloch. Within the past few weeks staff lavatories

accommodation has been provided inside the main buildings at Ardoch Bridge School; and a considerable number of new w.c. pans have been installed in the boys' and girls' lavatories at Jamestown, Hermitage and West Bridgend Schools. Quite a number of w.c. pans have also been replaced at other properties; and several drinking fountains have been renewed at schools throughout the County.

Special attention has again been paid to the limewashing of school lavatories and to the painting of woodwork where necessary.

As in former years, a considerable part of the budget allowance has been allocated to internal painter work and the usual washing down of soiled surfaces of classroom walls has been carried out.

As a result of these works, the school, buildings and lavatories have been maintained in a good state of repair and cleanliness. General satisfaction has been expressed by all concerned regarding the care and attention given by the janitors in the daily cleaning and hosing of the outside offices.

ORGANISATION AND ADMINISTRATION.

For Organisation and Administration, &c., and Co-operation with Public Health Departments, Section A, B, C, D, E and F, see pages:9 to 15 of the Annual Report, 1948-49.

During the prolonged absence of Dr. Alan Gilmour, Depute County Medical Officer, through illness, the services of the full time School Medical Officers were utilised to a considerable extent on Public Health duties and this necessitated the employment, on a sessional basis, of two medical practitioners to assist in the medical inspection and treatment of school children in the Clydebank and Kirkintilloch areas respectively.

PARENTS PRESENT AT INSPECTION

School Management Area	Number of Children Examined	Number of Parents Present at Routine Examinations	Per Cent.	Number of Parents Present at Non-Routine Examinations
Cumbernauld ...	278	105	37.4	51
Kirkintilloch ...	1066	310	29.0	135
New Kilpatrick ...	808	302	37.3	44
Old Kilpatrick ...	1987	1032	51.9	391
Dumbarton ...	1326	629	47.4	237
Vale of Leven ...	840	461	54.8	127
Helensburgh ...	531	216	40.6	93
Total ...	6836	3055	44.6	1129

DR. McLEOD'S REPORT.

GENERAL REVIEW.

Routine inspection was carried out on 6836 children—a decrease of 56 from last year's total.

The number of children examined non-routinely, *i.e.*, at clinics mainly, was 1793, showing a decrease of 348.

PHYSICAL CONDITION.

The percentage of children found to be free from all defects on routine school examination was 54.7, as against the previous session's figure of 58.1. The percentages of children free from defects from the different age groups are as follows:—

Entrants	- - - - -	57.6
Second Age Group	- - - - -	52.1
Third Age Group	- - - - -	60.8
Fourth Age Group	- - - - -	61.2

In Table I the number of children who were found to be requiring treatment (excluding uncleanness and dental caries) and whose parents were so advised—was 503, 15

less than last session. The greatest decrease occurred in the entrants age group.

DEFECTS AND DISEASES.

Clothing.—During the session, 25 children were found to have unsatisfactory clothing.

Footgear.—Only seven cases of unsatisfactory footwear were noted, less than half the number of the previous session.

Uncleanliness.—The percentage of children found to be in a verminous condition of head and/or body shows a slight improvement from last year—8.5 per cent. as compared with 9.1 per cent in 1949-50. 14.6 per cent. of girls examined were in this category—a decrease of 1 per cent. in the year.

Skin Diseases.—Three cases of ringworm of the body were noted, there being no cases of ringworm of the head.

Impetigo of the head was found in 16—less than half the number in the previous year. There was a similar decrease in the number of children suffering from impetigo of the body.

Nutrition.—Only three children were noted as suffering from bad nutrition.

Deformities.—Fewer children were found to have deformities—both of the congenital and acquired types.

In the special eye examination of the 1943 age group, 99.9 per cent. had normal vision.

DR. CASSIDY'S REPORT.

SCHOOL DENTAL SERVICE.

ANNUAL REPORT, 1950-51.

The drift of personnel away from the School Dental Service has been gradual over the past few years. How to utilise the remaining staff to the best advantage of the 24,000 school

children plus the priority classes offered no great difficulty, if one placed first things first, *i.e.*, our duty was the removal of aching teeth and the elimination of oral sepsis. In some areas the demand for emergency treatment was such that it involved the entire time of the dentists and, as a result, the Routine Annual Dental Inspection in schools had to be dropped, a most unfortunate yet essential measure. In those areas where the emergency treatment demand was not sufficient to fully occupy the dentists, Routine Dental Inspection was carried out and patients drawn from these inspections to fill up the treatment sessions.

Conservation of the teeth as a result of the demand for emergency treatment fell, although we were still able to carry out a fair amount of conservative work.

Orthodontic treatment became limited mainly to those children referred by the Ear, Nose and Throat Specialists and the Speech Therapists.

The absence of the Annual Routine Dental Inspection followed by treatment over the past few years is responsible for the ever-increasing number of teeth which have had to be extracted. The loss of permanent teeth at the back of the mouth is to be regretted, but much more serious is the loss of anterior upper permanent teeth. The increase in the latter is reflected in the number of partial dentures which had to be supplied during the session.

Fractures of upper front teeth would appear to be on the increase, usually occurring as a result of a fall. The preservation of such teeth is essential and in the older children many were restored by means of gold inlays.

The X-ray machine has been of great value in this work in addition to its general use as an aid to clinical diagnosis.

There has been an increase in the number of general anaesthetics administered for dental purposes. The number of general anaesthetic sessions could only be slightly increased so that in some areas an overloading of these anaesthetic sessions took place. I would like to express the appreciation

and thanks of the dentists concerned to Dr. McIntyre, the anaesthetist, and to the nursing staff for their willing cooperation which aided considerably the curtailment of a large waiting list.

F. A. CASSIDY,

Chief Dental Officer.

March, 1952.

SPECIAL SCHOOLS AND CLASSES.

SPECIAL SCHOOLS.

Milton Special School (including Annexe at College Street School, Dumbarton, for physically handicapped children).

This school caters for normally handicapped and physically handicapped pupils from the Western portion of the County. There are four classes at Milton School for mentally handicapped pupils with 72 on the roll, and one class for physically handicapped pupils in the College Street Annexe of the school with 20 on the roll.

(Note.—This class for physically handicapped pupils in College Street Annexe was transferred to Hartfield School, Dumbarton, on 28th May, 1951). There is also an Occupational Centre in the school with 24 pupils on the roll.

SPECIAL CLASSES.

- (a) For mentally handicapped children—*Whitecrook School, Clydebank*, with 16 on the roll (one class) *Leirdslund School, Kirkintilloch*, with 12 on the roll (one class). Total number of pupils—28.
- (b) For physically handicapped children—*Hartfield School, Dumbarton*, with 20 on the roll (one class). (Note.—This class was transferred from College Street Annexe on 28th May, 1951).

- (c) For conservation of vision—*Whitecrook School, Clydebank*, with 6 on the roll (one class). *West Bridgend School, Dumbarton*, with 13 on the roll (one class). *Lairdland School, Kirtlandtilloch*, with 5 on the roll (one class). Total number of pupils—24.

INSTITUTIONS.

1. Number of physically handicapped children in Institutions paid for by the County Council, - 7
2. Number of mentally handicapped children in Institutions paid for by the County Council, - Nil
3. Number of blind persons in training under the Blind Persons Act, 1920 (cost of training borne by the County Council and maintenance by Local Authority), - - - - - Nil

MEDICAL INSPECTION OF SPECIAL SCHOOLS.

During the present session 117 children, 54 boys and 63 girls were examined. Of these, 67 were mentally defective and 50 physically defective. 13 children were classified as having slightly defective nutrition, while 24 had bad eyesight. Clothing and footwear were satisfactory in all but 7 cases and 22 children were found to have a verminous condition of the head and/or body, while 25 children were found to have unhealthy mouths. 56 parents were present at the medical examinations and notices were issued to all parents whose children were found to be suffering from a particular defect.

MILK IN SCHOOLS SCHEME.

The average number of pupils taking milk in schools during session 1950-51 was 21,748 (approximately 80 per cent. of the roll).

ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE IN SCHOOLS.

Details of physical education arrangements are as contained in the Report for 1948-49.

ADMISSION OF CHILDREN TO APPROVED SCHOOLS.

During the year 28 children were examined, with special regard to their suitability, physically and mentally, for admission to Approved Schools. Of these, 23 were committed by the Sheriff to institutions.

ULTRA VIOLET LIGHT TREATMENT.

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria and Helensburgh Clinics during the year:—

Number of patients treated, - -	328
Total number of attendances, - -	4340
Average number of treatments, -	13

Cause of Reference.	No. of Patients.	Improved.	Condition Unchanged
Adenitis, - - - - -	3	3	—
Asthma, - - - - -	2	2	—
Bronchitis, &c., - - - -	152	138	14
Debility, - - - - -	143	139	4
Skin Conditions, - - - -	2	2	—
Glands, - - - - -	7	5	2
Others, - - - - -	19	19	—
	—	—	—
Totals, - - - - -	328	308	20
	—	—	—

AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

BOYS

Total Number Examined at All Ages:	Entrants				Age 8				Age 13				Age 16			
	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)
1950-51	1215	5 ⁴ / ₁₂	43-2	43-1	1088	9 ⁷ / ₁₂	50-6	57-8	1011	13 ⁶ / ₁₂	58-9	89-0	95	16 ¹ / ₁₂	66-8	131-5
County Average— Years 1940-41 to 1949-50.	11647	5 ⁶ / ₁₂	42-8	43-2	10608	8 ¹¹ / ₁₂	50-0	57-3	10134	13 ¹ / ₁₂	58-9	88-0	1017	16 ¹ / ₁₂	66-9	127-0
County Average— Years 1930-31 to 1939-40.	1495	5 ⁴ / ₁₂	42-6	41-8	11767	8 ⁷ / ₁₂	49-4	56-5	7108	13 ⁷ / ₁₂	58-9	89-5	1163	16 ¹ / ₁₂	65-6	124-1
County Average— Years 1919-20 to 1923-30.	13238	5 ⁷ / ₁₂	42-1	41-2	11863	8 ⁷ / ₁₂	48-3	54-3	—	—	—	—	769	16 ¹ / ₁₂	64-3	123-8

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS—Continued

Total Number Examined at All Ages:	GIRLS											
	Entrants				Age 8				Age 13			
	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)
1950-51. ...	1157	57 ¹ / ₁₂	42.9	41.5	1052	97 ¹ / ₁₂	51.1	59.6	1138	13 ⁵ / ₁₂	59.9	92.9
County Average— Years 1940-41 to 1949-50.	11249	53 ¹ / ₁₂	42.4	41.9	10287	81 ¹ / ₁₂	49.4	55.6	9957	13 ⁴ / ₁₂	59.3	93.5
County Average— Years 1930-31 to 1939-40.	12132	57 ¹ / ₁₂	42.3	40.5	11645	87 ¹ / ₁₂	49.0	54.8	7123	13 ⁶ / ₁₂	59.5	94.8
County Average— Years 1919-20 to 1929-30.	13019	58 ¹ / ₁₂	41.7	39.7	11582	87 ¹ / ₁₂	48.2	52.3	—	—	—	—
									774	16 ¹ / ₁₂	62.2	111.6

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

PREVIOUS ILLNESSES

No. of Routine Cases Examined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Smallpox		Rheuma- tism		Fits		Others	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Entrants ...	2372	1637	69.0	1201	50.6	632	26.6	372	15.6	86	3.6	6	0.2	-	5	0.2	-	-	662	27.9
Second Age- Group ...	2140	1720	80.3	1183	55.2	889	40.1	642	30.0	208	9.7	50	2.3	-	19	0.8	-	-	713	33.2
Third Age- Group ...	2149	1869	86.9	1346	62.6	987	45.9	855	39.7	244	11.3	141	6.6	-	28	1.3	1	.04	700	32.5
Fourth Age- Group ...	175	156	89.1	127	72.5	118	67.4	97	55.4	30	17.1	14	8.0	-	2	1.1	-	-	69	39.4
TOTAL	6836	5382	78.7	3857	56.4	2626	38.4	1966	28.7	568	8.3	211	3.0	-	54	0.7	1	0.1	2144	31.3

VERMINOUS CONDITIONS

The following table summarises on an area basis the number of children showing evidence of verminous conditions of the head, or body, or both

School Management Area	No. of Routine Cases Examined			No. Showing Evidence of Vermin			Percentage		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Cumbernauld	135	143	278	4	17	21	2.9	11.8	7.5
Kirkintilloch	503	563	1066	5	50	55	0.9	8.8	5.1
New Kilpatrick	427	381	808	4	12	16	0.9	3.1	1.9
Old Kilpatrick	1033	954	1987	51	258	309	4.9	27.1	15.5
Dumbarton	622	704	1326	10	143	153	1.6	20.3	11.5
Vale of Leven	419	421	840	5	13	18	1.1	3.0	2.1
Helensburgh	270	261	531	3	10	13	1.1	3.8	2.4
Total	3409	3427	6836	82	503	585	2.4	14.6	8.5

TABLE I.

Total number of children examined at:—

		Systematic Examinations:	Other Systematic Examinations:
	Entrants	2372	1793
Ordinary Schools.	Second age group	2140	
	Third age group	2149	
	Fourth age group	—	
Secondary Schools.	Age group	175	
		<hr/> 6836	<hr/> 1793

(B) Other examinations:—

Special Cases,	- - - - -	61
Re-inspection by Medical Officer,	-	40
Total, - - - - -		<hr/> 101

Number of individual children inspected at systematic examinations who were notified to parents as requiring treatment (excluding uncleanness and dental caries):—

Entrants,	- - - - -	149
Second age group,	- - - - -	166
Third age group, -	- - - - -	182
Fourth age group,	- - - - -	—
Secondary age group,	- - - - -	6
Other systematic examinations,	- - - - -	—
Total, - - - - -		<hr/> 503

TABLE III.—SYSTEMATIC MEDICAL EXAMINATIONS

Classification	Entrants		Second Age-Group		Third Age-Group		Fourth Age-Group		Total	
	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	1271	53.6	1167	52.1	1307	60.8	107	61.2	3852	54.7
II.—Children (otherwise free from defects) who suffer from:—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses ...	19	0.8	151	7.0	149	6.9	24	13.7	343	5.0
(b) Conditions of the Mouth and Teeth requiring treatment ...	206	8.7	282	13.1	200	9.3	10	5.7	698	10.2
(c) Both (a) and (b) ...	3	—	10	0.4	22	1.0	1	0.5	36	0.5
Total	228	9.6	443	20.7	371	17.2	35	20.0	1077	15.7
III.—Children suffering from Ailments (other than those mentioned in II) from which complete recovery is expected within a few weeks ...	615	33.9	445	20.8	359	16.7	20	11.4	1639	23.9
IV.—Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II and III, distinguishing cases:—										
(a) Where complete cure or restoration of function (in the case of eye defects full correction) is considered possible	52	2.2	72	3.3	64	3.9	9	5.1	217	3.1
(b) Where improvement only is considered possible, e.g., without complete restoration of	6	—	13	0.5	28	1.3	4	—	51	—
Total	58	3.4	85	3.8	92	4.2	13	7.4	258	3.7
Total Number of Children Examined	2374	—	2140	—	2149	—	175	—	6838	—

TABLE IV.—RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THIS ARE

Disability		At Ordinary School	At Special Schools or Classes	At No School or Institution	Total
1. Blind ... ..	...	—	1	—	1
2. Partially Sighted— (a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition ... ..	...	—	19	—	19
(b) Other conditions of the eye, e.g., cataracts, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ... ..	...	—	5	—	5
3. Deaf ... ..	...	39	—	—	39
Grade I A ... ..	...	20	—	—	20
Grade II B ... ..	...	1	—	—	1
Grade III ... ..	...	—	6	—	6
4. Defective Speech— (a) Defects of articulation requiring special educational measures ... ..	...	247	3	—	250
(b) Stammering requiring special educational measures ... ..	...	120	1	—	121
5. Mentally Defective (Children between 5 and 16 years)— (a) Educable (I.Q. approx. 50-70) ... ..	...	—	100	—	100
(b) Ineducable (I.Q. generally less than 50) ... ..	...	—	24	—	24
6. Epilepsy— (a) Mild and occasional ... ..	...	4	—	—	4
(b) Severe (suitable for care in a residential school) ... ..	...	—	—	—	—
7. Physically Defective (Children between 5 and 16 years)— (a) Non-pulmonary tuberculosis (excluding cervical glands) ... ..	...	—	3	—	3
(b) General orthopaedic conditions ... ..	...	—	16	2	20
(c) Organic heart disease ... ..	...	—	5	2	7
(d) Other causes of ill-health ... ..	...	—	—	1	1
8. Multiple Defects— (a) Mentally defective (educable) and epilepsy (mild) ... ..	...	—	1	—	1
(b) Mentally defective (ineducable) and epilepsy (mild) ... ..	...	—	1	—	1
(c) Mentally defective (educable) and partially sighted (refractive error) ... ..	...	—	—	—	—
(d) Physically defective (other causes of ill-health) and partially sighted (refractive errors) ... ..	...	—	1	—	1
Total ... ..	...	431	123	5	624

* Pupils examined at Routine Medical Inspection during the session.

x Children attending Speech Therapy Clinics during the session.

TABLE V.
DENTAL INSPECTION AND TREATMENT.

(1) Inspected by the Dental Officers:—

Age.	(a) Systematic Examinations.	(b) Special Emergency Cases.	Total.
5	340	396	736
6	309	311	620
7	198	346	544
8	148	387	535
9	99	402	501
10	450	373	823
11	412	290	702
12	86	188	274
13	34	179	213
14	20	174	194
15	2	37	39
15+	4	14	18
Totals,	2102	3097	5199

	Systematic Examinations.	Special or Emergency Cases.	Total.
(2) Found to require treatment, -	1987	3057	5044
(3) Actually treated by School Dental Officers, - - -	1987	3057	5044
(4) Number of attendances made by children for treatment, -	3	590	11,947
(5) Fillings—			
(a) Permanent teeth, - -	2021	263	2884
(b) Temporary teeth, - -	136	84	220

	Systematic Examin- ations.	Special or Emer- gency Cases.	Total.
(6) Extractions—			
(a) Permanent teeth, - -	387	938	1325
(b) Temporary teeth, - -	2374	4493	6867
(7) Number of administrations of a general anæsthetic for extractions, - - - -	287	758	1045
(8) Other operations—			
(a) Permanent teeth, - -	1112	2075	3187
(b) Temporary teeth, - -	205	203	408
(9) Half-days devoted to—			
(a) Inspection, - - -	29	—	29
(b) Treatment, - - -	637	671	1308
(10) Children treated under private arrangements, - - -	No reliable information available.		

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

The following tables show the results of special inquiries into the conditions following the removal of tonsils and/or adenoids. Children are examined one year after operation and the details of this examination are shown on Table A. The figures shown are the totals since session 1932-33. See Annual Report, 1932-33, pages 42-43.

As it has been suggested that the removal of tonsils and/or adenoids results in little permanent benefit, a further examination was made of pupils who had been operated on a considerable number of years before. During the present session there were 93 children re-examined at the age of 14 or 16 years who had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 91 were found to be absolutely satisfactory, the remaining 7 showed evidence of rheumatism or chorea, asthma, bronchial trouble, deafness or otorrhœa. Table B shows details of this investigation.

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS
(TABLE A)

		Tonsils and Adenoids Removed					Totals	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Totals
		Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Totals	Result Satisfactory					
	Number ...	5214	1096	391	6701	327	225	136	603		
	Percentage ...	77.8	16.3	5.8	—	47.5	32.1	19.7	—		
Mouth Breathing	Present before Operation	3794	866	251	4911	285	130	100	505		
	Continuing after Operation	152	197	155	304	16	34	68	118		
	Apparently Cured	3642	669	96	4407	269	86	32	387		
	Beginning after Operation	2	13	—	15	1	—	2	3		
Deafness	Present before Operation	684	253	71	1008	191	43	21	255		
	Continuing after Operation	67	124	55	246	30	17	14	61		
	Apparently Cured	617	129	16	762	161	26	7	194		
	Beginning after Operation	10	5	6	21	5	—	1	6		
Discharging Ears	Present before Operation	579	206	532	1317	53	24	15	92		
	Continuing after Operation	70	109	179	358	13	8	11	32		
	Apparently Cured	509	97	353	959	40	16	4	60		
	Beginning after Operation	26	35	13	74	1	5	5	11		
Discharging Nose	Present before Operation	2037	514	189	2740	178	81	67	346		
	Continuing after Operation	141	298	165	604	17	52	60	149		
	Apparently Cured	1896	216	24	2136	161	29	7	197		
	Beginning after Operation	33	35	19	87	—	6	5	11		
Susceptibility to Colds, Sore Throats	Present before Operation	4251	907	254	5412	230	93	105	423		
	Continuing after Operation	131	318	183	632	19	17	53	124		
	Apparently Cured	4090	569	71	4730	211	76	3	304		
	Beginning after Operation	13	8	11	32	—	—	3	3		
Enlarged Glands	Present before Operation	2424	654	94	3172	45	—	—	94		
	Continuing after Operation	92	118	34	244	12	—	—	39		
	Apparently Cured	2332	536	60	2928	33	—	—	55		
	Beginning after Operation	8	8	4	20	—	—	—	4		
Rheumatism or Chorea	Present before Operation	187	9	13	209	10	1	—	11		
	Continuing after Operation	48	43	10	101	7	—	—	55		
	Apparently Cured	139	46	3	188	—	—	—	4		
	Beginning after Operation	53	41	5	99	—	—	—	—		

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS
(TABLE B)

Reasons for Classification as Unsatisfactory												
Number of Years After Operation	Number of Cases	Satisfactory		Unsatisfactory		Rheuma- tism	General Health Unsatis- factory	Asthma	Bronchial Con- ditions	Nasal Catarrh	Deafness	Otorrhea
		No.	%	No.	%							
10 or more	8	8	100.0	—	—	—	—	—	—	—	—	—
9	3	2	66.6	1	33.3	—	—	1	—	—	—	—
8	10	10	100.0	—	—	—	—	—	1	1	—	—
7	13	13	86.6	2	13.3	—	—	—	—	—	—	—
6	16	13	81.2	3	18.7	—	—	1	—	—	1	1
5 or less	46	45	97.8	1	2.2	—	1	—	—	—	—	—
Totals	93	91	92.8	7	7.1	—	1	2	1	1	1	1

THROAT, NOSE AND EAR CLINICS

	CLYDEBANK			KIRKINTILLOCH			DUMBARTON			TOTAL		
	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total
Number of Children Examined ...	233	27 34*	344	100	18	118	402	111	513	785	190	975
Number of Children Operated On ...	201	22 26*	249	73	27	100	235	77	312	509	152	661
Attendances with Ambulance ...	201	22 26*	249	73	27	100	235	77	312	509	152	661
Home Visits for After Care ...	402	44	498	146	54	200	470	154	624	1018	304	1322
Nature of Operations—												
Excision of Tonsils and Adenoids ...	198	45	243	70	27	97	228	76	304	496	143	644
Excision of Tonsils only ...	—	—	—	—	—	—	—	—	—	—	—	—
Excision of Adenoids only ...	3	3	6	3	—	3	7	1	8	13	4	17
Others ...	—	—	—	—	—	—	—	—	—	—	—	—
Causation—												
Discharging Ears ...	26	6	32	2	2	4	32	2	34	60	10	70
Tonsils Much Enlarged ...	169	47	216	2	—	2	207	63	270	378	110	488
Deafness ...	28	2	30	3	—	3	17	4	41	68	6	74
Obstructed Breathing and Deafness ...	4	—	4	—	—	—	—	—	—	—	—	—
Obstructed Breathing ...	129	30	159	26	8	34	160	64	224	315	10	417
Tonsillitis ...	168	38	206	—	—	—	—	—	—	—	—	—
Enlarged Glands ...	129	29	158	37	12	49	158	30	188	324	71	395
Diphtheria ...	144	34	178	1	—	1	175	40	215	320	74	394
Whooping Cough ...	7	4	11	—	—	—	59	6	65	66	10	76
Various ...	55	16	71	4	3	7	40	12	52	99	31	130
Results—												
Progress Definite and Rapid ...	—	—	—	69	26	95	235	77	312	304	103	407
Progress Retarded ...	—	—	—	4	1	5	—	—	—	4	1	5
Still awaiting examination ...	505	43 197*	750	497	10	507	126	33	159	1125	238	1416
Sent to Hospital ...	—	—	—	—	—	—	—	—	—	—	—	—
Died ...	—	—	—	—	—	—	—	—	—	—	—	—

* Clydebank U.R.G. (Pre-School Children)

OPHTHALMIC TREATMENT OF SCHOOL CHILDREN (TABLE A)

	Dumbarton		Helensburgh		Kirkintilloch		New Kilpatrick		Old Kilpatrick		Vale of Leven	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Defective Vision Corrected with Spectacles	80	130	24	16	75	64	21	28	120	129	62	58
Defective Vision too slight to benefit from Spectacles	20	22	3	2	32	27	6	11	25	33	5	7
Defective Vision Treated Otherwise	6	8	5	3	11	25	6	5	7	11	1	5
Total Number of Children Examined	106	160	32	21	118	116	33	44	142	173	66	70
Re-examinations	39	53	2	0	22	35	4	6	32	30	21	18

Total Number of Children Examined—1083

OPHTHALMIC TREATMENT OF SCHOOL CHILDREN (TABLE B)

	SCHOOL MANAGEMENT AREA											
	Dumbarton		Helensburgh		Kirkcaldock		New Kilpatrick		Old Kilpatrick		Value of Cases	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Myopia	2	1	—	—	5	8	1	—	2	3	—	2
Dacryocystitis	—	1	—	—	1	—	—	—	—	—	—	—
Ptoxis	—	—	—	—	—	1	—	—	—	1	—	—
Strabismus Convergens ...	27	52	11	4	38	37	10	12	58	33	34	23
Strabismus Divergens ...	4	1	—	—	—	1	1	1	1	2	—	1
Conjunctivitis, Keratitis and Iritis	6	4	—	—	3	8	2	4	2	5	—	1
Opacity of Cornea	2	2	—	—	—	—	2	—	2	4	—	—
Opacity of Lens	1	1	—	—	1	3	—	—	—	—	1	3
Dislocation of Lens	—	—	—	—	—	—	—	—	—	—	—	—
Apaxia	—	—	—	—	2	—	—	—	—	—	1	—
Synochia Anterior	—	—	—	—	—	—	—	—	—	—	—	—
Synochia Posterior	—	—	—	—	—	—	1	—	—	—	1	—
Columbo Uveae	—	—	—	—	—	—	—	—	—	—	—	—
Uveitis	—	—	—	—	—	1	—	—	—	—	—	—
Choroido-retinitis	—	—	—	—	2	1	—	—	—	—	—	—
Leptothalmia	—	—	—	—	—	—	—	—	—	—	—	1
Optic Atrophy	—	1	—	—	—	—	—	—	—	—	—	—
Microphthalmia	—	—	—	—	—	—	—	—	—	—	1	—
Nystagmus	5	3	—	—	—	—	—	1	2	—	—	—
Anopia	—	1	—	—	—	—	—	—	—	—	—	—
All cases	—	—	—	—	1	—	—	—	—	—	—	—

ORTHOPAEDIC TREATMENT

Deformity or Disease	Glasgow Clinic			Dumfries Clinic			Kirkcubbin Clinic			Vale of Leven Clinic			Helensburgh Clinic			Cardross Park Home			Beardsden Clinic			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Knee-jerk	9	7	16	1	4	5	7	12	19	1	1	2	5	3	8	—	—	—	1	2	3	24	29	53
Wrist-drop	1	—	1	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	1	4	5
Knee-jerk	2	6	8	—	3	3	2	4	6	1	1	2	3	1	4	—	—	—	2	—	2	10	15	25
Club-foot	3	3	6	—	1	1	1	3	4	—	1	1	—	—	—	—	—	—	—	1	1	4	9	13
Club-foot	12	4	16	19	12	31	3	2	5	4	1	5	3	—	3	—	—	—	1	—	1	42	19	61
Foot	7	16	23	6	6	12	13	47	65	4	8	12	5	2	7	1	—	1	8	9	17	49	88	137
Infantile Paralysis	1	—	1	1	—	1	2	1	3	3	—	3	—	—	—	—	—	—	—	—	—	7	1	8
Arachnoid	2	2	4	2	1	3	3	1	4	2	—	2	—	1	1	1	—	1	2	2	4	12	7	19
Mouth-breathing	26	22	48	21	13	39	9	8	17	8	4	12	5	4	9	—	—	—	8	2	10	77	58	135
Spinaemia	—	—	—	—	—	—	5	4	9	—	—	—	—	—	—	—	1	1	3	2	5	8	7	15
Others	—	1	1	3	2	5	6	5	13	1	3	4	1	1	2	—	—	—	7	7	14	20	19	39
Total	63	61	124	53	49	102	56	89	147	24	19	43	22	12	34	2	1	3	32	25	57	254	256	510

Treatments at Cardross Park commenced 4/1/51

ORTHOPAEDIC TREATMENT—RESULTS

Clinic	Good	Fair	Unclassified
Clydebank	53	50	21
Dumbarton	33	51	13
Kirkintilloch	68	53	21
Vale of Leven	13	19	12
Helensburgh	16	8	10
Cardross Park Home	2	—	1
Bearsden	14	37	6
Total	199	223	69

NUMBER OF TREATMENTS GIVEN

Clydebank	2756	Helensburgh	54
Dumbarton (including Vale of Leven)	2711	Cardross Park Home	5
Kirkintilloch	3416	Bearsden	24

1943 AGE GROUP—EYE EXAMINATION

Slight Visual Defect: 6.9—6.12

Marked Visual Defect: 6.13 or worse

(Snellen's Test at 6 Metres)

	BOYS		GIRLS		TOTAL	
	No.	%	No.	%	No.	%
Total Number of Children Examined	1138	—	1101	—	2239	—
Normal Vision	1034	90.8	1002	91.0	2036	90.9
Slight Defect (Both Eyes)	38	3.3	35	3.1	73	3.2
Marked Defect (Both Eyes)	9	0.8	16	1.4	25	1.1
Slight Defect (One Eye)	35	3.0	37	3.3	72	3.2
Marked Defect (One Eye)	20	1.7	11	1.0	31	1.3
Unreliable Results	2	0.1	—	—	2	0.1
Number of Children found Wearing Glasses	25	2.2	26	2.3	51	2.2
Strabismus	26	2.2	20	1.8	46	2.0
Blepharitis	1	0.1	1	0.1	2	0.1
Conjunctivitis	—	—	—	—	—	—
Corneal Ulcers or Opacities	—	—	—	—	—	—
Others	3	0.2	1	0.1	4	0.1

Note: When a child has defective vision of slight defect and marked defect together, the defect has been classified according to the better eye grouping.

1933 AGE GROUP—EAR EXAMINATION

	Total Number of Children Examined	Normal Hearing		Defective Hearing				Otorrhoea	Otitis Media	Tympanitis
				Grade II		Grade III				
		No.	%	No.	%	No.	%			
Boys	1133	1117	98.1	21	1.8	—	—	1	1	—
Girls	1101	1081	98.1	20	1.8	—	—	2	—	—
Total	2239	2193	98.1	41	1.8	—	—	3	1	—

Grade II. Children who can hear ordinary conversation voice between 20 feet and 2 feet.

Grade III. Children who can hear ordinary conversation voice at not more than 2 feet, if at all.

TREATMENT OF MINOR AILMENTS

District	Nurse	Total No. of Children dealt with	Total No. of Attendances	No. of Visits to Parents	No. of Visits to Schools	Cuts, Bruises, Sprains and Minor Injuries, etc.	Diseases of the Ear	Diseases of the Eye (excluding D.V.)	DISEASE OF THE SKIN						Cases referred to Family Doctor or Hospital
									X-ray Treatment	Other Treatment	Ringworm of Body	Scabies	Impetigo	Other Diseases	
Cumrarnauld...	C. Dempsey ...	646	664	14	98	568	23	18	—	—	—	—	25	12	2
Kirkcubbin...	C. M. Jeffrey ...	391	565	4	46	54	75	35	—	—	—	—	—	177	3
	M. B. Miller ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	A. Veitch ...	329	365	19	13	4	68	32	—	—	—	—	—	235	2
Twechara Crof	A. Gee ...	1166	1059	51	70	683	81	24	—	4	—	32	280	62	21
New Kilpatrick	C. King ...	375	570	18	40	318	28	21	—	—	—	—	—	8	6
	K. S. Stevenson ...	7	14	—	—	1	1	—	—	—	—	5	—	—	—
Duntocher ...	C. T. Gavin ...	—	722	13	37	306	16	21	—	—	—	3	9	147	2
Old Monkland ...	M. Callaghan ...	46	15	23	25	34	5	1	—	—	—	1	—	5	1
Clydebank ...	J. P. Scott ...	377	749	59	38	75	103	7	—	—	1	—	23	168	6
	M. MacDonald ...	530	821	63	42	116	93	2	—	—	—	4	13	302	6
	H. Sirling ...	38	92	—	—	20	8	—	—	—	—	—	10	—	—
Dumfries ...	M. Gilmore ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	A. Taylor ...	259	976	18	84	45	69	33	—	—	—	—	36	76	61
Valley of Leven ...	M. Cameron ...	—	—	14	2	—	—	—	—	—	—	—	—	—	—
	J. Cameron ...	—	—	42	23	—	—	—	—	—	—	—	—	—	—
	M. G. Gow ...	51	13	7	3	35	6	1	—	8	—	1	—	5	7
Redbank ...	E. M. Rankin ...	618	620	17	32	537	18	5	—	—	—	1	4	3	—
Heensburgh ...	J. M. Haffie ...	85	51	4	—	21	13	—	—	—	—	—	—	—	—
All other districts of the County	District Nurses	156	209	66	31	117	2	7	1	—	—	—	—	—	—
Total ...															

RESULTS OF AUDIOMETRIC SURVEY

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Showing Loss	Grade				Case Referred for					
					I	IIa	IIb	III	S.M.O.	E.N.T. Examination	Special Seating	Hearing Aid	Medical Treatment	No Action
1941	2046	2112	2088	24	10	14	—	—	23	12	12	—	12	12
1938	2581	2561	2533	28	16	10	2	—	25	4	4	—	4	5
1934	134	169	187	1	—	1	—	—	1	1	1	—	1	—
Children Born Outwith Age-Groups	174	369	329	40	12	22	6	—	35	12	12	4	21	14

SPEECH THERAPY REPORT.

1950-51 SESSION.

Senior Speech Therapist:- Betsy C. McOrist, L.C.S.T.*Assistants:-* R. Elizabeth Stark, L.C.S.T., L.G.S.M.,
L.R.A.M.(Eloc.).

Irene Wyatt, L.C.S.T.

Agnes C. Stewart, L.C.S.T.

Carol Darby, L.C.S.T.

Isobel Oddy, L.C.S.T.

STATISTICS SUMMARY, 1950-51

CLINIC or SCHOOL	No. on Roll 30,6/50	Left	Discharged		Transferred		Admitted	No. on Roll 30,6/51
			Cured	Non-Co-op.	In	Out		
Bark St., Alexandria ...	28	2	19	2	4	5	20	24
Bowhill ...	9	0	3	1	0	3	5	7
Cardross ...	5	3	1	0	1	0	6	8
Cumbernauld ...	19	2	6	1	0	2	2	10
Duntocher ...	6	0	3	1	1	0	12	15
Hartfield, Dumbarton ...	33	1	18	4	1	1	19	29
Hillfoot, Bearsden ...	6	1	6	1	0	1	10	7
Helmshurst ...	21	1	6	0	1	7	19	27
Janetta St., Clydebank ...	20	4	10	1	4	7	12	14
Kirkintilloch ...	29	2	11	2	0	7	19	26
Levenshale, Alexandria ...	9	0	6	0	2	1	4	8
Milton ...	22	2	5	0	4	9	7	17
Milngavie ...	13	0	3	0	2	1	5	16
Mo's Cottage, Dumbarton ...	11	1	7	2	4	0	20	25
Renton ...	11	1	7	0	1	2	9	14
St. Stephen's, Dalnair ...	23	3	12	0	1	2	12	19
Union St., Clydebank ...	9	0	4	0	0	5	0	0
Towchar ...	17	1	4	1	0	4	5	12
Wiltonbrook, Clydebank ...	36	4	13	1	4	4	13	36
Kilbowie, Prom., Clydebank ...	0	0	7	0	5	4	11	6
Holy Cross, Groy ...	0	0	3	0	6	0	5	8
Levenshale Academy ...	0	2	6	0	5	0	12	9
Wilton ...	0	0	3	0	1	0	10	8
Clydebank, Old Kilbricken ...	0	0	2	0	7	1	2	6
Wilton, Clydebank ...	0	1	3	1	11	0	15	15
Total ...	330	31	173	13	66	66	330	357

(Continued on page 100 for 1951-52)

